Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.61

LIBRARY
U.S. Department of Agriculture

ESTABLISHED 1860 INCORPORATED 1889

1915

ROBERT C. REEVES CO.

187 WATER ST., NEW YORK

Farm and Contractors' Supplies

Hurdle and Wire Fencing
Seeds

'PHONE 580 JOHN

To Our Customers.

WE have the pleasure of presenting you our Seed and Implement Catalogue for 1915 If you have no use for it, we shall esteem it a favor if you will kindly hand it to some friend to whom it may be of service.

Our SEED DEPARTMENT is under our personal supervision. No pains or expense have been spared to secure the very best Seeds from reliable growers.

TERMS. &c.

The prices on all Machines and Tools found in this Catalogue are net. All orders from unknown parties should be accompanied by remittance, or reference to some responsible house in this city.

To MAIL CORRESPONDENTS. *We pay the postage* on Seeds in packets, ounce and quarter-pound papers to any part of the United States. On Seeds purchased in large quantities, *add* Parcel Post rates.

Parties ordering Seeds by mail will please write their name and post-office address distinctly. Remit by Express Money Order, Draft, Post Office Order or Registered Letter.

All orders by mail will receive prompt attention. Correspondence cheerfully answered.

PRICES OF BAGS.

Quarter Bushel,	$0 12	One Bushel,	$0 17
Half Bushel,	15	Two Bushel (Seamless),	23

Bags used in packing Seeds will be credited at cost, if returned in good order within fifteen days from date of invoice. Return charges must be pre-paid.

WARRANTIES.

Irreproachable Seeds sometimes fail to germinate **through many causes**, one of the most common being heavy rains after sowing, and the consequent baking of the ground afterward. The germination of seeds underground is caused and maintained by the formation of gases in the seed, which, in truth, consumes the seed and nourish the sprouts until these are above ground, when the sun and air supplies the necessary nutriment, a process which fails in case: of too deep sowing, or the ground forming a hard crust on the top, the seed is consumed before its sprouts have reached the surface of the ground; besides, an untimely frost, or a very cold current of air passing over the shoots immediately on their appearance above ground, may destroy the whole process of vegetation; or want of moisture in the soil may prevent the seed from germinating at all. Then again, vermin, cutworms and other insects scarcely visible, may destroy a crop, unknown to the planter. And, finally, there are sometimes causes at work changing the habits and character of plants, which escape the closest observation, owing to conditions of temperature, and which are but little understood.

For the above reasons, we wish to state in this explicit form, that we give no warranty, express or implied, as to description, quality, productiveness, or any other matter of any seeds, bulbs, or plants we send out, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are at once to be returned.

SAMUEL C. B. HEISS, President.
HAROLD REEVES HEISS, Secty. and Treas.

ROBERT C. REEVES CO.

ROBERT C. REEVES CO.'S
Catalogue

187 WATER STREET, NEW YORK.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

REVERSIBLE SULKY PLOW.

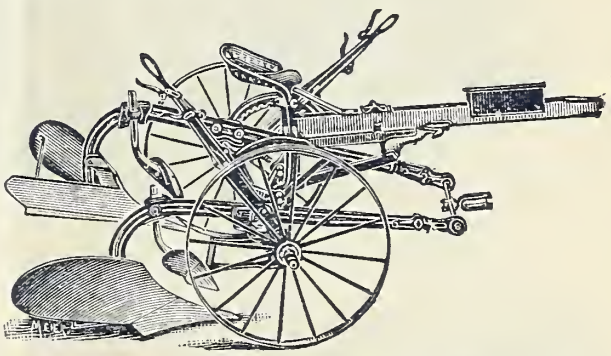
While under ordinary conditions the width of furrow is regulated by the clevis, with the Syracuse by means of our ratchet foot lever on pole, the operator can change the width of furrow at will, can plow around curves or obtain the full width of furrow in plowing sidehill land. This feature is found in no other plow.

We furnish bottoms in four sizes. They are what are commonly styled Combination Bottoms and have hardened soft centre steel moldboards, solid steel landsides, cast shares and shoes.

Right hand	Left hand	Furrow
Nos. 32	37	3 to 9 in. deep, 11 to 14 in. wide
" 31	39	4 to 10 " " 12 to 16 " "
" 1422	1322	4 to 10 " " 12 to 16 " "

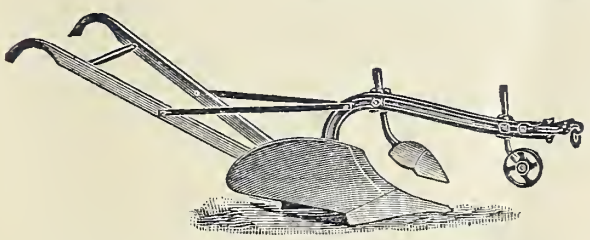
Net price with Chilled Bottoms, $55.00.

We can furnish Knife Colter or Rolling Colter, and Three-horse Attachment, at an extra cost.



A High Lift; Light Draft; Easily backed Sulky, incapable of being tipped over.

SYRACUSE CHILLED PLOWS.

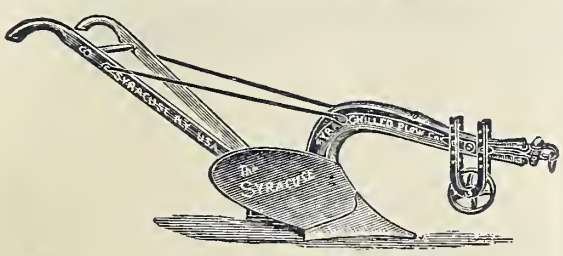


SYRACUSE CHILLED PLOWS.

No.	Steel Beam	Capacity	Plain with Clevis
1465	One Horse.....	7 to 9 in.	$8.75
403	Light Two Horse.....	9 " 12 "	10.50
402	Medium " "	11 " 13 "	11.00
32	Medium " "	10 " 13 "	13.50
	No. 32 has Steel Moldboard and Landside.		
	Iron Beam		
5/78	One Horse.....	7 to 10 in.	6.75
3/78	Light Two Horse.....	9 " 12 "	9.50
2/78	Medium " "	10 " 13 "	10.00
	Wood Beam		
605L	Medium One Horse.....	7 " 9 "	8.75
602L	" Two "	11 " 14 "	11.50

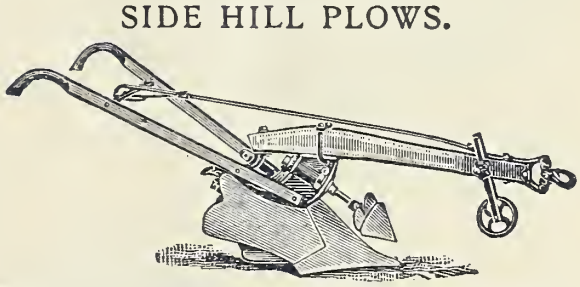
Wheel Rig extra, $1.00. Jointer Rig extra, $2.00.

CONTRACTORS' PLOW.



Hard iron wearing parts. Extra heavy beam, share and strip. Steel wheel standard. Will turn a furrow 5 to 9 in. deep, and 12 to 15 in. wide. An excellent plow for general grading purposes. No. 1 Contractors', two or four horse, weight with wheel, 172 lbs., $15.00 net.

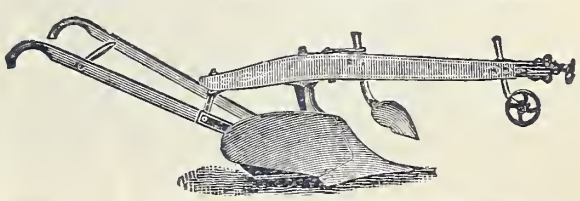
SIDE HILL PLOWS.



No.	Iron Beam	Capacity	Plain with Clevis
60	Two Horse.....	10 to 13 in.	$12.50
	Steel Truss Beam		
822	Two Horse.....	10 " 14 "	13.00
	Wood Beam		
126L	Light Two Horse.....	8 " 10 "	9.50
912	Heavy " "	10 " 14 "	12.50
824	One Horse Steel Beam.....	.....	7.50

Wheel Rigs extra, $1.00. Jointer Rigs extra, $2.00.

"Oliver" Pattern Chilled Plows.

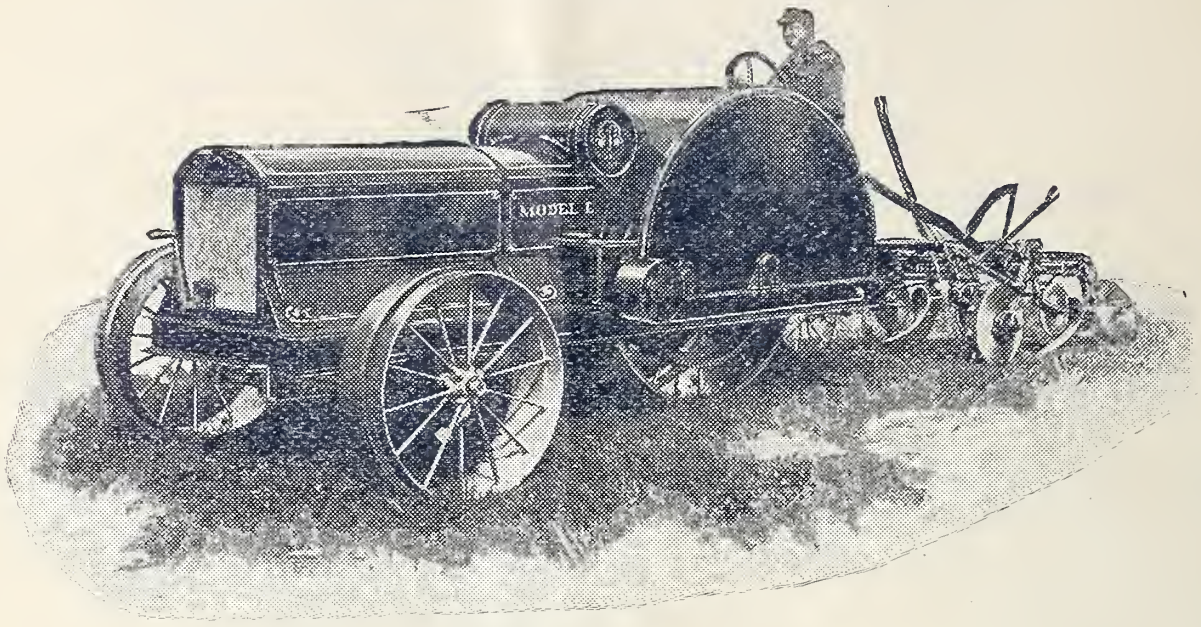


No.	Number of Horse.	Capacity	Plain with Clevis
A	Pony..	4½ x 8 in.	$4.50 net.
B	One Horse, Light.....	5 x 10 "	6.50 "
10	" " Heavy.....	5½ x 11 "	6.75 "
13	Two " Light.....	6 x 11 "	9.50 "
19	" " Medium....	6½ x 12 "	9.75 "
20	" " " ...	7 x 13 "	10.25 "
40	Three "	9 x 16 "	10.50 "

Wheel Rig extra, 90c. Jointer Rig extra, $1.80.

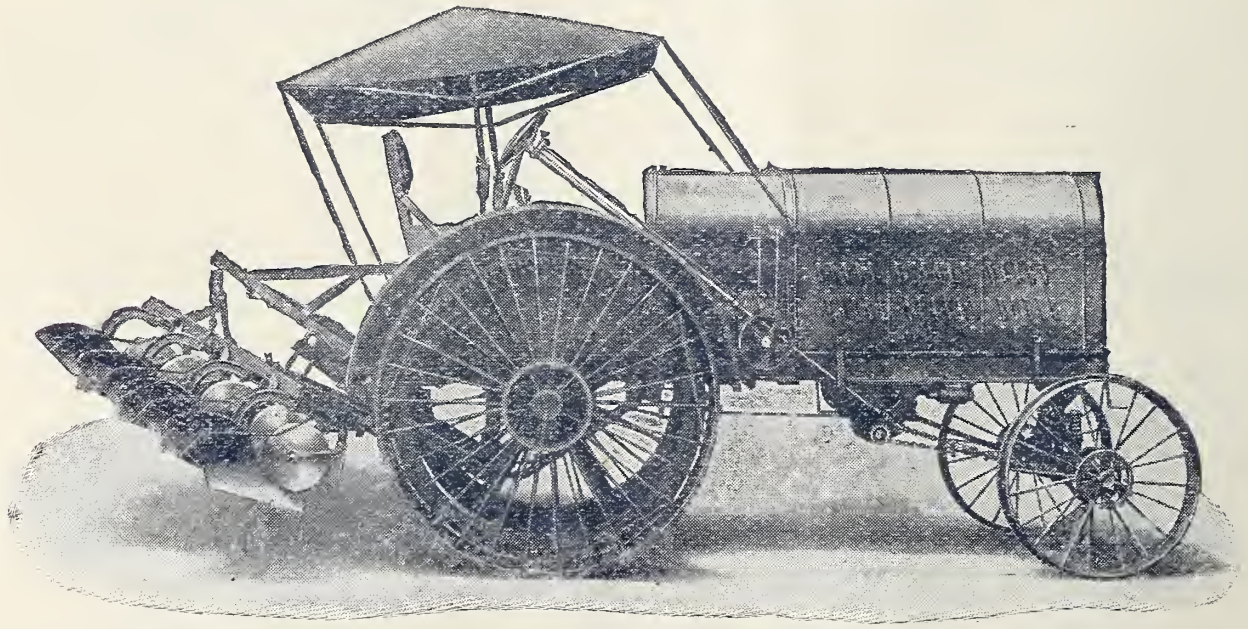
The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

MODEL "L" FARM TRACTOR



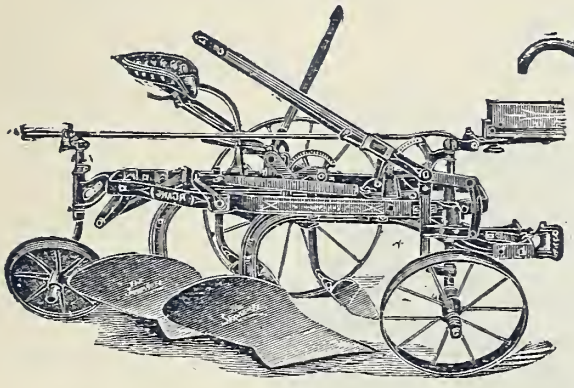
Is simple, easy to operate, light in weight. Will work equally well over a wide variety of soil conditions and will not pack the soil. Owing to its accessible construction, it is easily taken care of. This Farm Tractor is recommended for use with three 14-in. plows and will pull drills, binders, mowers, disc harrows, road graders, manure spreaders, etc. It will operate a small thrasher, hay baler, feed grinder, wood saw, ensilage cutter, pumps and other belt-driven farm machines. The plows or other machines may be attached directly behind the center of the drive wheel. It will plow from seven to nine acres per day of ten hours on about two gallons of gasoline per acre. The operator can raise and lower the plows without getting off the seat. It is a four-cylinder, two-speed, light-weight tractor suitable for any size farm, and will develop twenty horse power at pulley and twelve horse power as a Tractor. Low speed 1.66 miles per hour. High speed 2.32 miles per hour. Reverse speed 1.66 miles per hour. Drive wheel 24 inches wide, 60 inches in diameter. Front wheels 10 inches wide, 40 inches in diameter. Number of revolutions at pulley 670 per minute. Pulley 7 inches wide, 12½ inches in diameter. Shipping weight about 5,000 pounds. Engine will turn in a radius of 17 feet. Write for prices.

BIG FOUR "20" TRACTOR



Is a one-man four-cylinder plowing outfit, has 4 14-inch bottoms and especially adapted to work in irregular field and fence corners. With the plows raised, the Tractor may be backed into any fence corner and plow out every inch of land. The plows are raised and lowered by the power of the motor whether the machine is in motion or standing still. Will plow from twelve to fourteer acres per day of ten hours. The average consumption of gasolene 2 gallons per acre. Speed forward 1.71—2.31 and 3.54 miles per hour. Reverse speed 1.85 miles per hour. When used as a tractor has twenty horse power and thirty-five horse power at belt; will turn in a radius of twenty-four feet. Size of pulley 12 by 9¾. Number of revolutions at pulley 900 per minute. Shipping weight about 9,200 pounds. CAN ALSO FURNISH BIG FOUR NO. 30 WITH NINE PLOWS. BIG FOUR TRACTORS NO. 45 WITH TWELVE PLOWS. Write for prices.

SYRACUSE R GANG PLOW



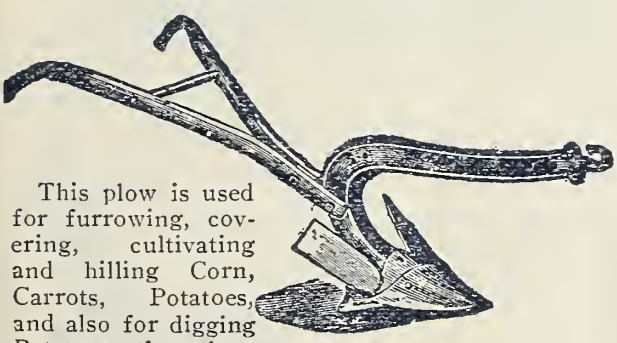
To-day the farmer realizes he must depend more on horses and machinery and less on hired help if he is to do his farm work in season. There is no tool on the farm that will pay larger on the investment than a Good Gang Plow; and the only honest definition of a Good Gang Plow (with two bottoms) is one that will do more work, better work, and do it with less work on the part of horses and man than two similar hand plows. If you are offered a gang plow which does not live up to the above definition—don't buy it. We do not claim that the Syracuse is the only Gang to qualify, but we *do* claim that the Syracuse "R" Gang is positively a little better than *ANY* other.

Price of R Gang Plow with 12-inch Steel Bottoms, Jointer, Weed Hooks and Four-Horse Evener .....$72.00 net.

Price of the above rig with Chilled Bottoms in place of Steel.....$70.00 net.

If Rolling Coulters are wanted in place of Jointers, add.....$2.00

Steel Shovel Plow, with Potato Digger Attachment.



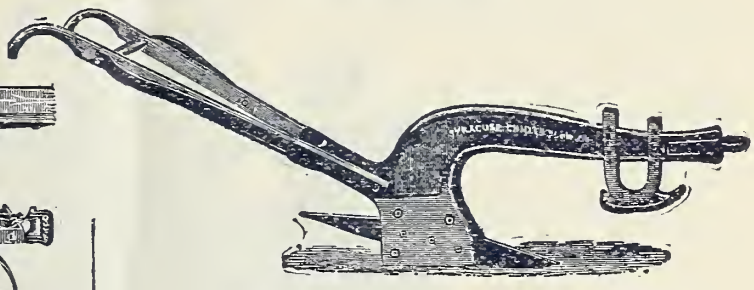
This plow is used for furrowing, covering, cultivating and hilling Corn, Carrots, Potatoes, and also for digging Potatoes; the wings can be adjusted to any width of row from two to four feet; it is adapted to all kinds of soil; can be used with perfect success on very rough, stony ground; one of the most valuable implements in use.

Price of Plow.....Net $5 50

It can also be changed to work in narrow rows for cultivating Beets, Carrots, and all other Root Crops, etc., at an additional expense of $1.75 net.

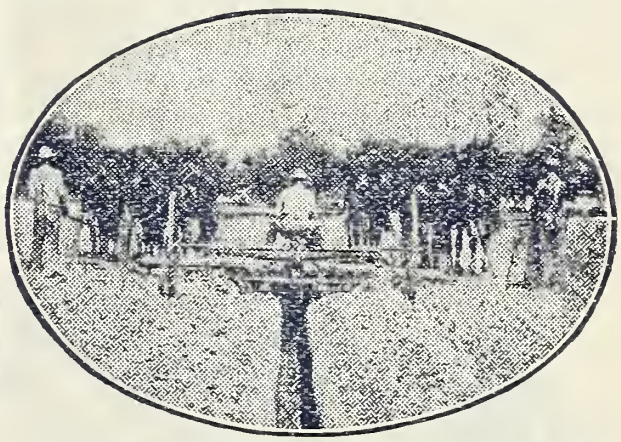
Potato Digger Attachment.....$3 00 net.

Hard Pan Plow, or Power Pick.



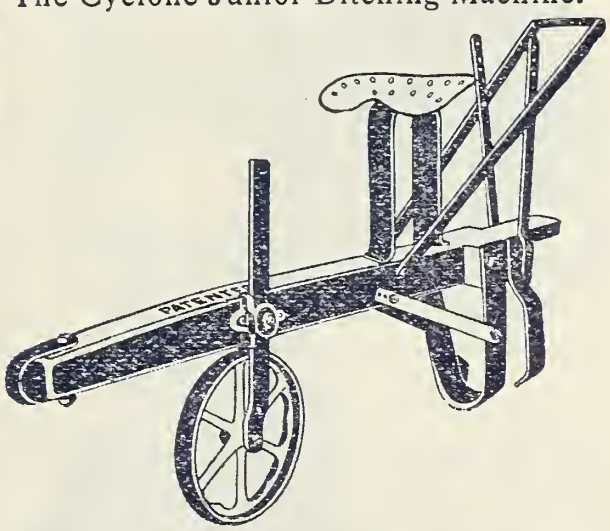
Adjustable and double reversible bar steel point. Adjustable shoe in place of wheel. Loop handle wear irons. Strongly built throughout. Especially adapted for tearing up cobblestones or McAdam pavement. Four or six horse. Weight, 256 lbs. A great favorite with contractors. Price, $24.00 net.

Cyclone No. 2. Tile Ditching Machine.



with Six Horses this Machine will cut a tile ditch 10 Inches Wide and 24 Inches Deep at the rate of 4950 Feet per day in ordinary soil. Net price $275.00

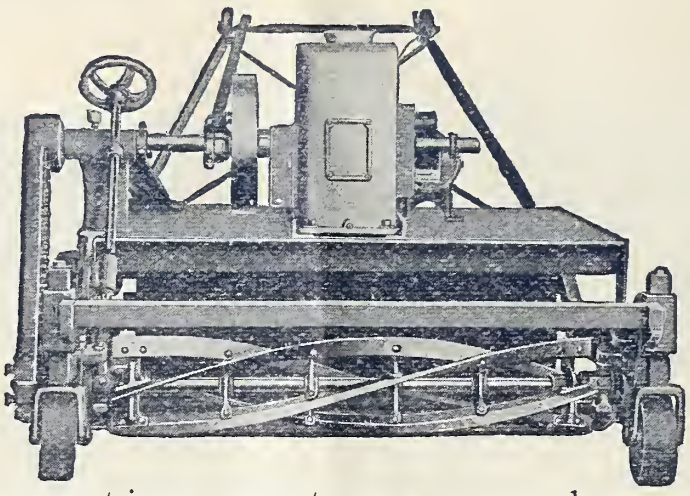
The Cyclone Junior Ditching Machine.



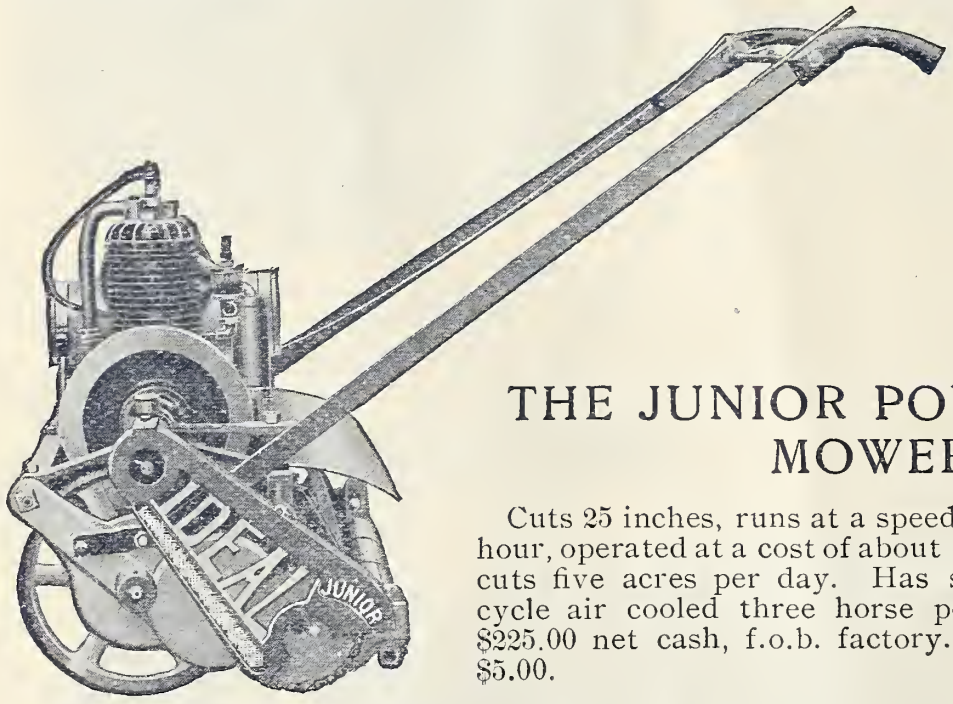
The Cyclone Junior cuts the ditch, trims the banks, loosens the dirt, but does not bring it to the surface. Two horses and two men operate it easily—one man drives and the other operates the Plow. From four to six inches can be cut in once through. The earth thus loosened is shoveled out and another cut through the ditch loosens a like amount of dirt. The number of cuts required depends upon the depth of ditch desired. You can go as deep as you like. The bank trimmers keep the sides of the ditch true and make a ditch 12 Inches Wide. When cutting a ditch deeper than 2 or 2½ Feet the 16 Inch Cutters, which are with the Plow, should be used. This gives a wider ditch, as a 12 Inch ditch would be too narrow to shovel in, when deeper than 2½ Feet. Net price $30.00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

POWER AND LAWN MOWER AND ROLLER



This machine is a great improvement over any power lawn mower ever offered to the trade. It cuts 38 inches, climbs 35% grade, cuts 8 acres per day, has a speed from one to 4½ miles per hour; is operated at a cost of about thirty cents per day. Equipped with band clutch for slow and easy starting. One chain drives knives and roller. Has a gear driven, high tension, magneto, and brakes to hold mower on steep grade. Has five horse power, one cylinder, water cooled four cycle engine. Price net cash f.o.b. factory $400.00.

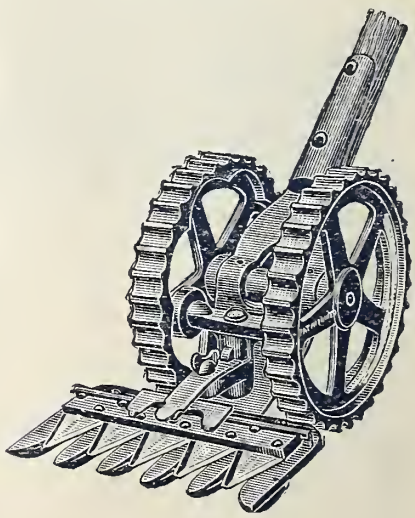


THE JUNIOR POWER LAWN MOWER

Cuts 25 inches, runs at a speed up to four miles per hour, operated at a cost of about twenty cents per day, cuts five acres per day. Has single cylinder, four cycle air cooled three horse power engine. Price $225.00 net cash, f.o.b. factory. Grass catcher extra $5.00.

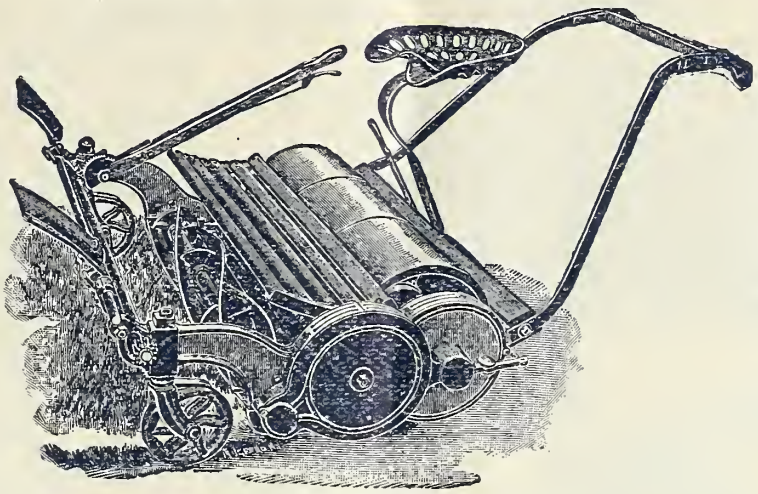
HANDY GRASS CLIPPER AND LAWN TRIMMER

Takes the place of the old-fashioned, unsatisfactory hand grass shears and does away with kneeling and stooping. Cuts a swath 5 inches wide and will cut the last blade of grass around trees and shrubbery. Price, $2.50.



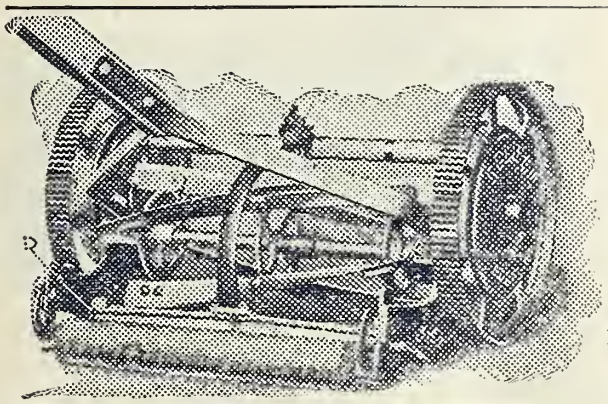
HORSE LAWN MOWERS.

Townsend Triple Ratchet Horse Lawn Mowers Complete with Shafts, Seat and side Draft attachment.



Has three rollers and three pawls in each roller, making the most powerful and instantaneous driving mechanism ever placed in a Lawn Mower.

	Net.
30 Inch Cut, with Seat and Shafts,	$62 00
35 Inch Cut, with Seat and Shafts,	70 00
38 Inch Cut, with Seat and Shafts,	$75 00

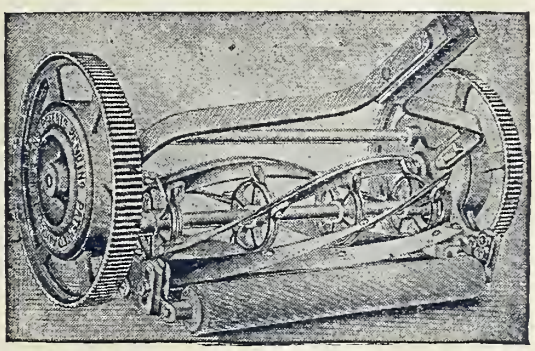


THE ECLIPSE LAWN MOWERS.

are made with 10-*inch drive wheels* with *instantaneous Adjustable Knife Bar, Bronze Bearings* and *Dust Proof Gears,* and are *Self-sharpening.*

14 inch cut, Net, $8 00	18 inch cut, Net, $9 75
16 " " " 8 75	

THE REEVES' LAWN MOWER.

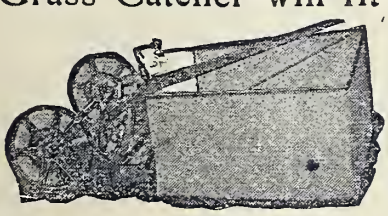


They have 11 inch Drive Wheels and Ball Bearing Revolving Cutter.

THE LIGHTEST RUNNING MACHINE MADE.

Net Prices.		
16 inch	18 inch	20 inch
$7.50	$8.25	$8.75

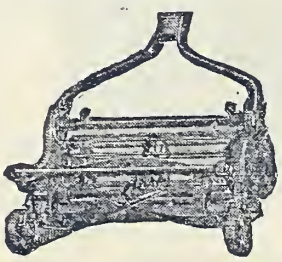
Grass Catcher will fit any Mower.



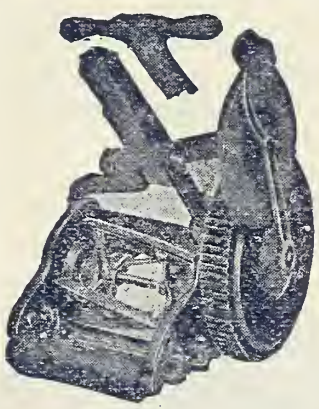
Has Galvanized Iron Bottom, Canvas Sides and Back.

For 12 in, Measure, $1.50	For 18 in. Measure, $1.75
" 16 " " 1.60	" 20 " " 1.85

Easy Lawn Mower for Borders and Terrace



10 inch cut, Net,				$5 75
12	"	"	"	6 75
14	"	"	"	7 75
16	"	"	"	8 75
18	"	"	"	9 75
20	"	"	"	10 75



Reeves Border Trimmer and Edger

This machine does what the Lawn Mower leaves undone, trims edges and borders quickly. They give general satisfaction. They have four steel blades six inches long.

Price, $6.00.

HORSE BOOTS.

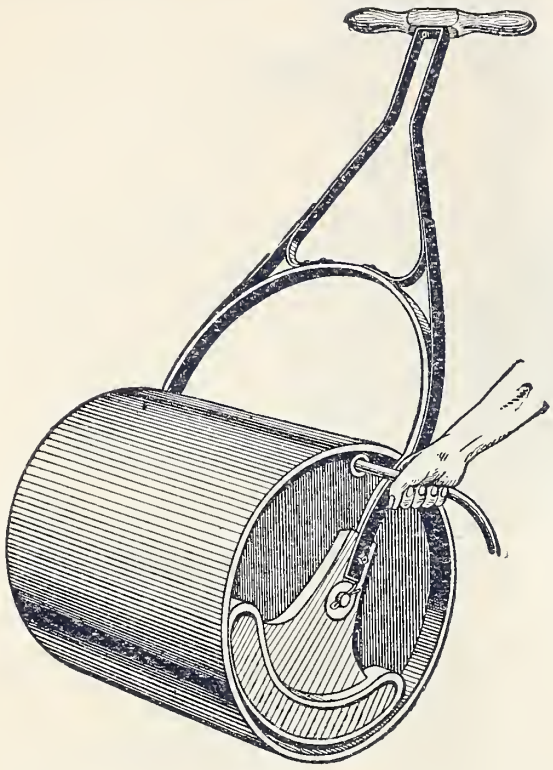
Per Set of Four.

With Extended Soles,

$10.00.

We would be pleased to name you a price on any special make of Lawn Mower you may desire.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.



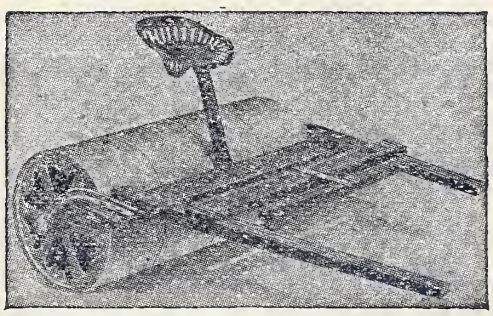
Roller Bearing Water Ballasts Lawn Rollers

WITH COUNTER-BALANCING HANDLE WEIGHTS

No.	Dia. In.	L'gth In.	Sec.	Wt. Empty	Filled with Water	Filled with Sand	Price
HW2	14	20	1	120	260	360	$9.25
HW4	18	24	1	135	360	560	11.60
HW6	24	24	1	185	560	860	14.80
HW8	24	32	1	200	710	1060	16.40
HW10	18	24	2	160	360	560	15.60
HW12	24	32	2	230	710	1060	20.50

The handle weights on our roller bearing rollers not only keep the handle upright when not in use, but also add speed and ease of operation. Our Water Weight Rollers are electric welded—no rivets are used—the drum cannot possibly leak.

ONE HORSE LAND ROLLER WITHOUT WEIGHT BOX

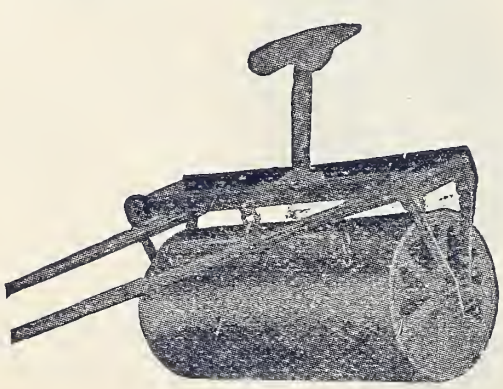


Rollers are smooth on face and aluminum-finished.

Section.	*Face.*	*Diam.*	*Length.*	*Lbs.*	*Net.*
4	12 in.	20 in.	48 in.	800	$42.00
4	12 in.	24 in.	48 in.	1000	51.00

FOR STEEL ROLLERS, SEE PAGE 7.

ONE HORSE LAWN AND GOLF ROLLERS WITH WEIGHT BOX.

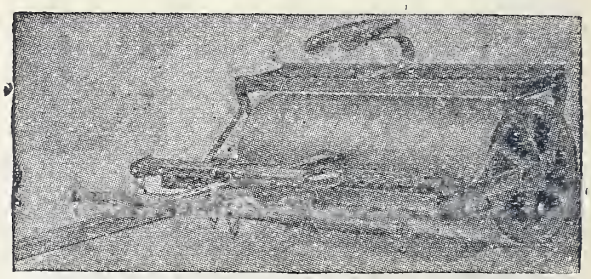


Rollers are smooth on face and aluminum finished —outer edges rounded.

Section.	*Face.*	*Diam.*	*Length.*	*Lbs.*	*Net.*
3	10 in.	24 in.	30 in.	650	$36.50
4	10 in.	24 in.	40 in.	800	44.00
5	10 in.	24 in.	50 in.	950	52.00
3	10 in.	28 in.	30 in.	800	44.00
4	10 in.	28 in.	40 in.	1000	54.00
5	10 in.	28 in.	50 in.	1200	65.00

Can make rollers weigh 50 to 500 lbs. heavier by use of 50 weights for which add 3¼ cents per pound net.

TWO HORSE LAND ROLLERS.



Rollers are smooth on face and aluminum-finished.

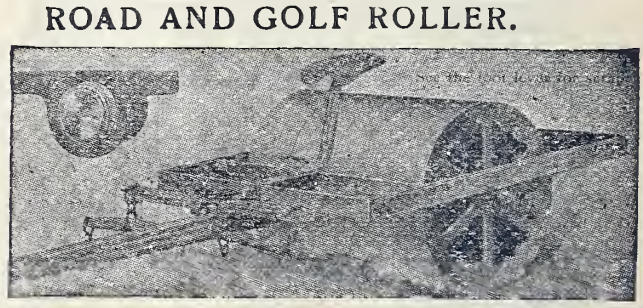
Pulls direct from the axle, has all steel *Weight Boxes* in front and on top of Roller, and *all steel frame.*

Section.	*Face.*	*Diam.*	*Length.*	*Lbs.*	*Net.*
5	12 in.	20 in.	60 in.	1150	$61.00
6	12 in.	20 in.	72 in.	1300	66.00
5	12 in.	24 in.	60 in.	1450	76.00
6	12 in.	24 in.	72 in.	1700	88.00
4	12 in.	28 in.	48 in.	1350	72.00
5	12 in.	28 in.	60 in.	1650	87.00
6	12 in.	28 in.	72 in.	1950	100.00
4	12 in.	32 in.	48 in.	2200	116.00
5	12 in.	32 in.	60 in.	2600	135.00
6	12 in.	32 in.	72 in.	3000	154.00

Whiffletrees and Neck Yoke, *extra*,.....$3.25
Scraper *extra*..... 4.80

These Rollers are shipped without whiffletrees, neck yoke and scraper, unless so ordered.

ROAD AND GOLF ROLLER.



Rollers are smooth on face and aluminum-finished.
Has *all steel frame.*

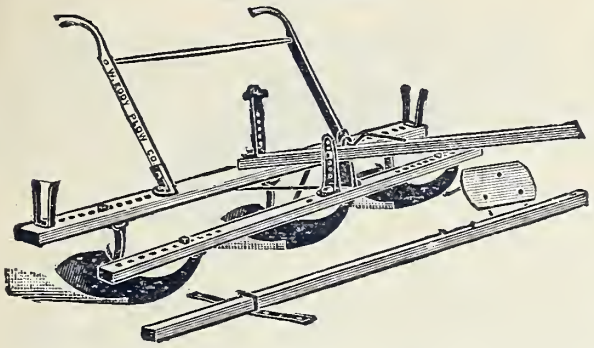
Section.	*Face.*	*Diam.*	*Length.*	*Lbs.*	*Net.*
4	12 in.	36 in.	48 in.	3000	$160.00
5	12 in.	36 in.	60 in.	3500	182.00
6	12 in.	36 in.	72 in.	4000	204.00
3	15 in.	48 in.	45 in.	4000	211.00
4	15 in.	48 in.	50 in.	5000	259.00
5	15 in.	48 in.	75 in.	6000	306.00
3	15 in.	54 in.	45 in.	6000	313.00
4	15 in.	54 in.	60 in.	8000	411.00
5	15 in.	54 in.	75 in.	10000	510.00
3	15 in.	60 in.	45 in.	6000	313.00
4	15 in.	60 in.	60 in.	8000	412.00
5	15 in.	60 in.	75 in.	10000	510.00
6	15 in.	60 in.	90 in.	12000	609.00

Whiffletrees and Neck Yoke, *extra*,..... 5.00
Scraper and seat furnished on these Rollers without extra charge.

The pole on the "Gold Medal" Road Roller can be reversed by simply taking out the Draw Pin, therefore unnecessary to turn the roller around on soft ground.

Three Row Marker, with Seats.

For Two Horses.

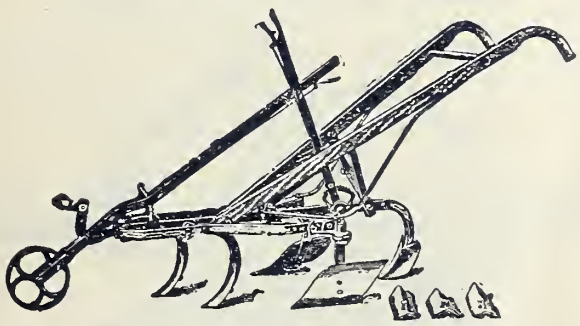


Is adjustable to any width row and to any depth.

Net.....$11 50

Whiffletree and Neck Yoke, extra.....$3 00

Cultivators and Horse Hoes.

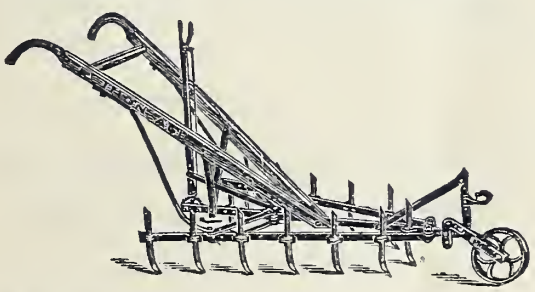


Steel Frame Cultivator and Horse Hoe, without lever .....net, $6 25

Steel Frame Cultivator and Horse Hoe, with expanding lever .....net, 7 00

Steel Frame Cultivator and Horse Hoe, with expanding and wheel levers..net, 7 75

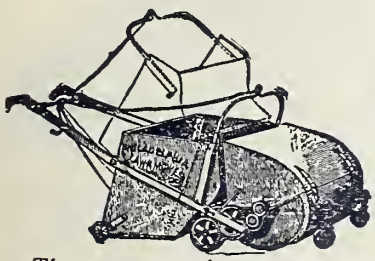
HARROW CULTIVATOR.



A splendid tool for cultivating crops in rows; thoroughly pulverizes and loosens the soil without throwing dirt on the plants. Teeth reversible.

Price, with lever expander and lever wheel, $5.00 net.

HORSE LAWN SWEEPER.



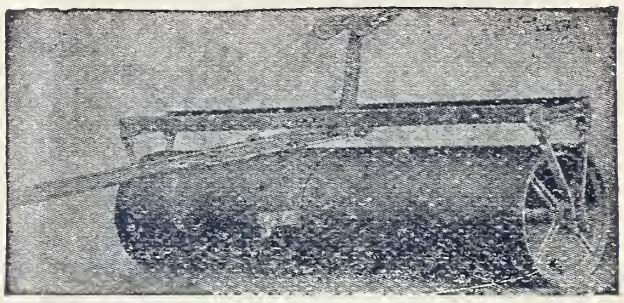
A revolving brush in front sweeps the sod clean and throws the sweepings backward into a large box in the rear. This box can be dumped without stopping. Sweeps forty inches wide.

The sweeper gives you a perfect lawn as soon as the sweeping is finished, instead of looking gray for several days owing to the withered cut grass.

If the sweeper and lawn mower are run in opposite directions, the lawn will be the same shade of color all over.

Price, $65.00 net.

STEEL ROLLERS.



TWO HORSE

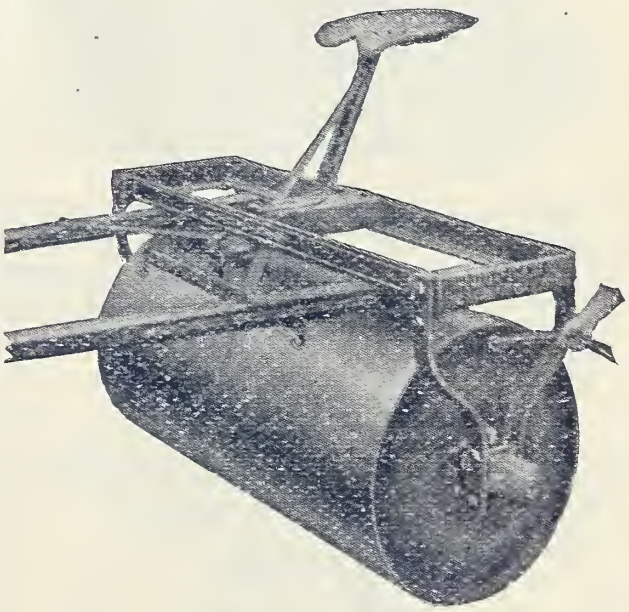
Diameter.	Width.	Sections.	Net.
26 inches	8 feet	2	$30.00
24 "	"	2	29.00
24 "	"	3	30.00
Whiffletrees and Neck Yoke *extra*.....			2.00

ONE HORSE

Diameter.	Width.	Sections.	Net.
24 inches	4 feet	2	$23.00

For Cast Rollers see *Page* 4

Water Ballast One Horse Two Section Roller.

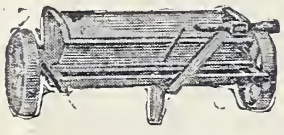


Diameter 24 inches. Length 4 feet.

Weight empty.....about 500 lbs.
" filled with water... " 1,000 "
" " " sand.... " 1,500 "

Net Price.....$56 00

Hand Fertilizer Sower.



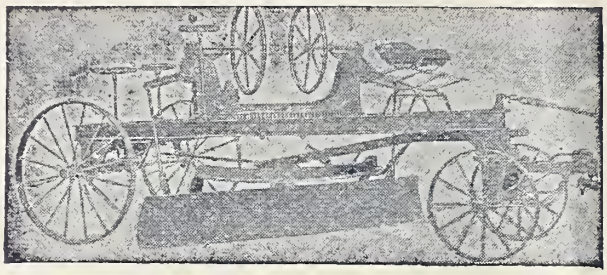
Beautiful Lawns can only be Obtained by an Even Distribution of Fertilizers.

Does the work perfectly, sowing all kinds of lawn dressing and other commercial fertilizers, wood ashes, lime, etc., in large or very small quantities.

The hopper is 34 inches long and holds one and one half bushels. Weight of machine is 83 pounds. It is well made and nicely painted. Price, $11.50 net

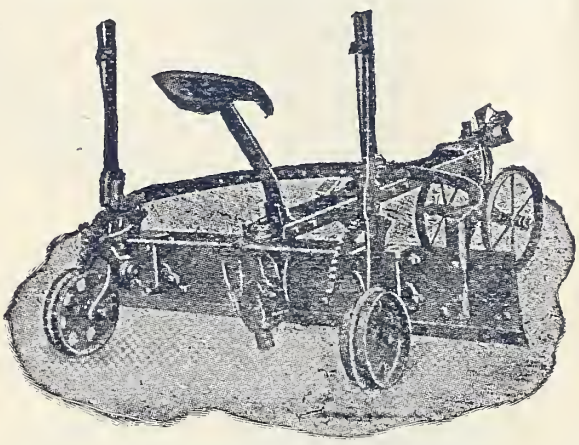
The prices on all machines and tools in this catalogue are *net*; 5 per cent. will be allowed for cash with order.

THE CHAMPION STEEL REVERSIBLE ROAD MACHINE.



The Best Road Machine on the market. Write for special catalogue. Net price, $235 00

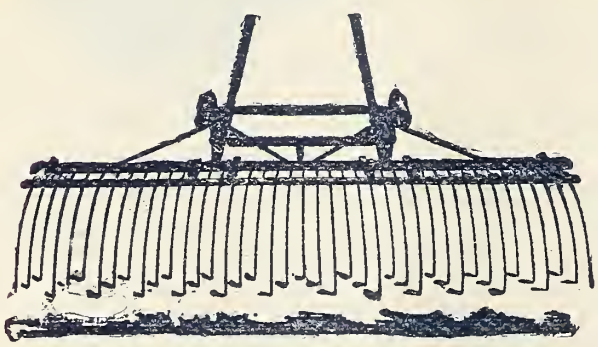
THE JUNIOR ROAD MACHINE



Can be reversed by operator putting foot on Lever and turning team to the desired angle. Rear Wheels have Anti-skidding Device.

The Machine is all Steel and Iron. Length of Mouldboard, 6 feet. Width, 12 inches. Diameter of Front Wheels, 16 inches. Rear Wheels, 12 inches. Weight, 535 pounds. Price, $42.50 net.

SECTIONAL ADJUSTABLE WEEDER.



7 ft. 3 in. Wide.

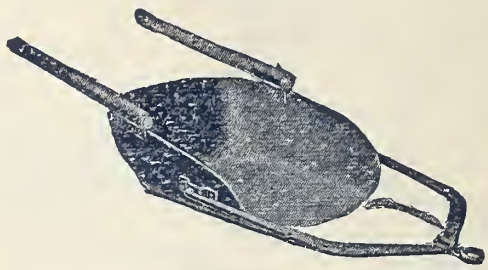
Made in three sections. Any number of teeth can be easily removed. This is a feature the farmer highly appreciates.

Net Price. $11.00

WHEEL BARROW GRASS SEEDER

14 ft. Single Hopper.....net, $7.50
14 ft. Double " ..... " 10.00

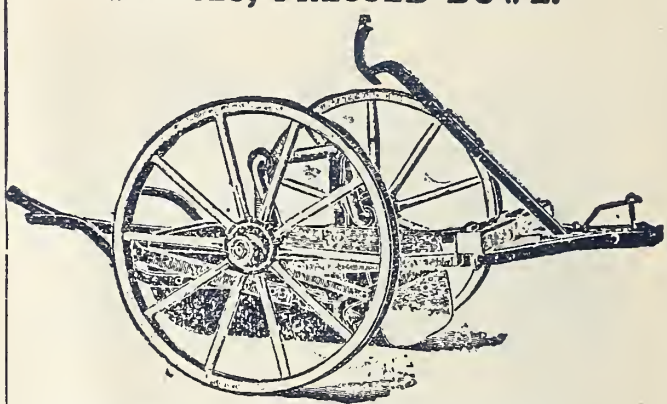
SOLID STEEL SCRAPERS, WITH RUNNERS.



Pressed from one Piece of Steel.

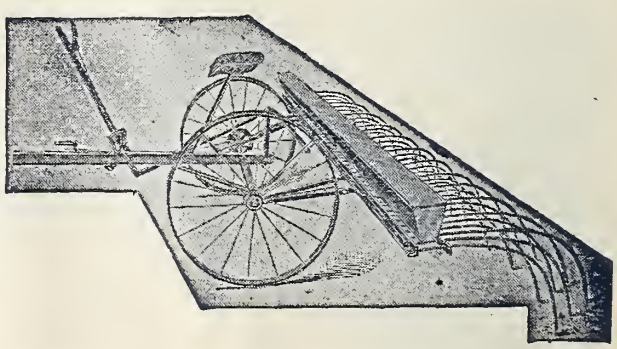
No. 1, width, 32 in.; capacity, 7 ft.....Net $7 50
" 2, " 29 in.; " 5 ft..... " 7 25
" 3, " 26 in.; " 3 ft..... " 7 00

STEEL SCRAPERS WITH WIDE TIRE WHEELS, PRESSED BOWL.



No. 1, Wheel Scraper; capacity 10 cubic feet.....Net $40 00
No. 2, Wheel Scraper; capacity 12 cubic feet.....Net 52 00
No. 3, Wheel Scraper; capacity 16 cubic feet.....Net 55 00
End Gate.....Extra 2 50

Reeves' Sulky Flat Tooth Smoothing Cultivator, Weeder, Harrow, and Seeder for Grass and Grain



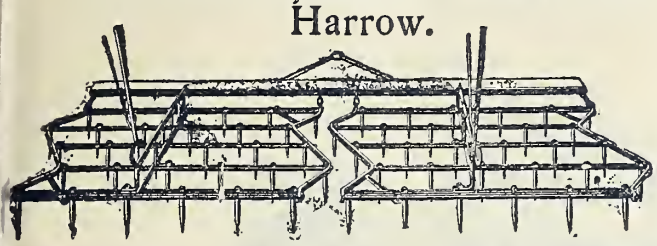
For leveling the ground, for pulverizing the soil, for preparing a good seed bed, it has no equal.

Sold with and without grass, and grain seeder. The box being near the ground distributes the seed evenly. Windy days make no difference.

10 Foot Cultivator, Plain, net....$22.00
Grass Seeder Attachment " extra 5.00
Grain " " " " 7.00

The prices on all machines and tools in this catalogue are net: 5 per cent. will be allowed for cash with order.

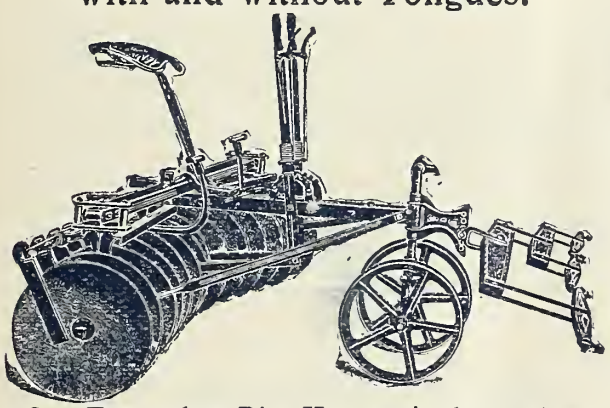
All Steel Adjustable Tooth Lever Harrow.



Is made on the ziz-zag principle, allowing the team to draw from the center; and, being drawn straight, the sections are free to adapt themselves to the unevenness of the ground. The position of the teeth is controlled by a lever, and may be adjusted to any angle, forward or backward, as best suited to the condition of the soil.

					Net Price
1 section,	25	tooth,	cuts	3¼ feet	$7 75
1 "	30	"	"	4½ "	8 25
2 "	50	"	"	7½ "	13 00
2 "	60	"	"	9 "	14 00
3 "	75	"	"	12 "	19 00
3 "	90	"	"	14 "	22 50

Reeves' All Steel Flexible Disc Harrow, with Weight Boxes, with and without Tongues.



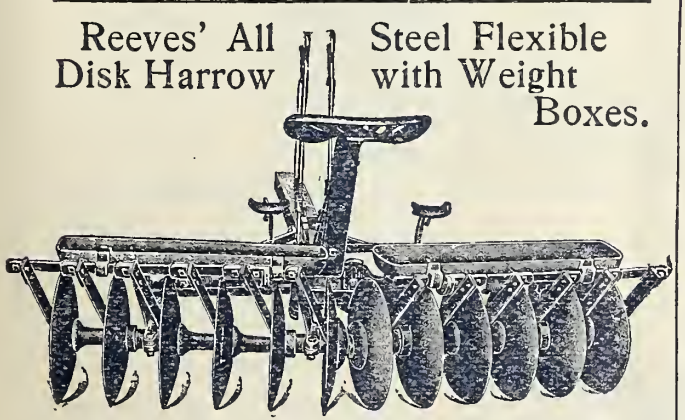
Our Tongueless Disc Harrow is the most perfect made. The strain on the horse's neck is greatly reduced by the use of this attachment. The Truck has a Flexible Yoke Connection which allows the wheels to adapt themselves to the unevenness of any ground.

Discs are made of specially prepared steel and thoroughly tested. Has **Dust-proof Roller Bearings** to which the steel draft bars are fastened. Weight Boxes are of pressed steel of sufficient size to carry the necessary weight. 12 discs 16 inches in diameter.

Price with Fore Truck, same as above cut, with Whiffltrees and Neck Yoke, $35.50 net.

Price with Fore Truck, same as above cut, without Whiffletrees and Neck Yoke, $33.00 net.

Reeves' All Steel Flexible Disk Harrow with Weight Boxes.

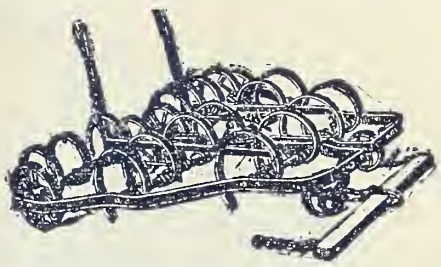


Price without Fore Truck but with Pole, Whiffletrees and Neck Yoke, $28.50 net.

Price without Fore Truck but without Pole, Whiffletrees and Neck Yoke, $26.00 net.

We also furnish this Harrow with Cut Out Discs at an advance of $1.50 to the above prices.

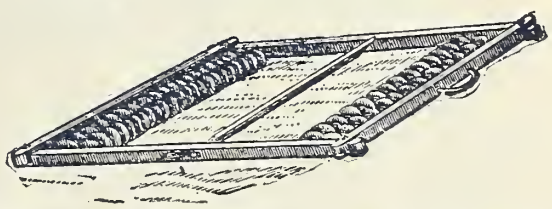
SPRING TOOTH HARROW.



All Steel and Malleable Iron. Teeth of finest spring steel. Frame elevated on wheels as per cut. Can furnish runners instead of wheels, if so desired

With 17 teeth with Runners $18 00
" 17 " " Wheels 20 00
Seats, extra 2 00

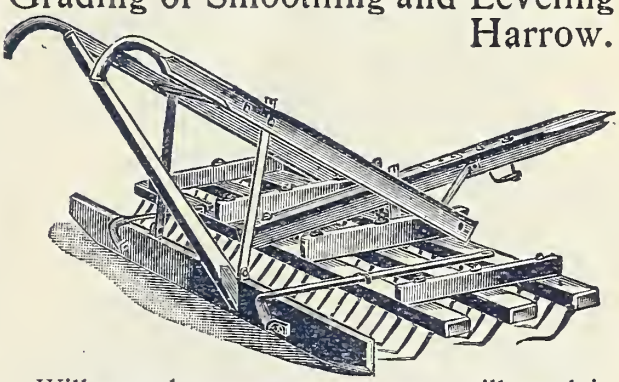
STEEL DISK SMOOTHING HARROW.



The frame measures 6 feet 8 inches by 6 feet, and has four sets of rollers, having 58 disks, 8 inches diameter.

Price.....net, $21.00

Grading or Smoothing and Leveling Harrow.



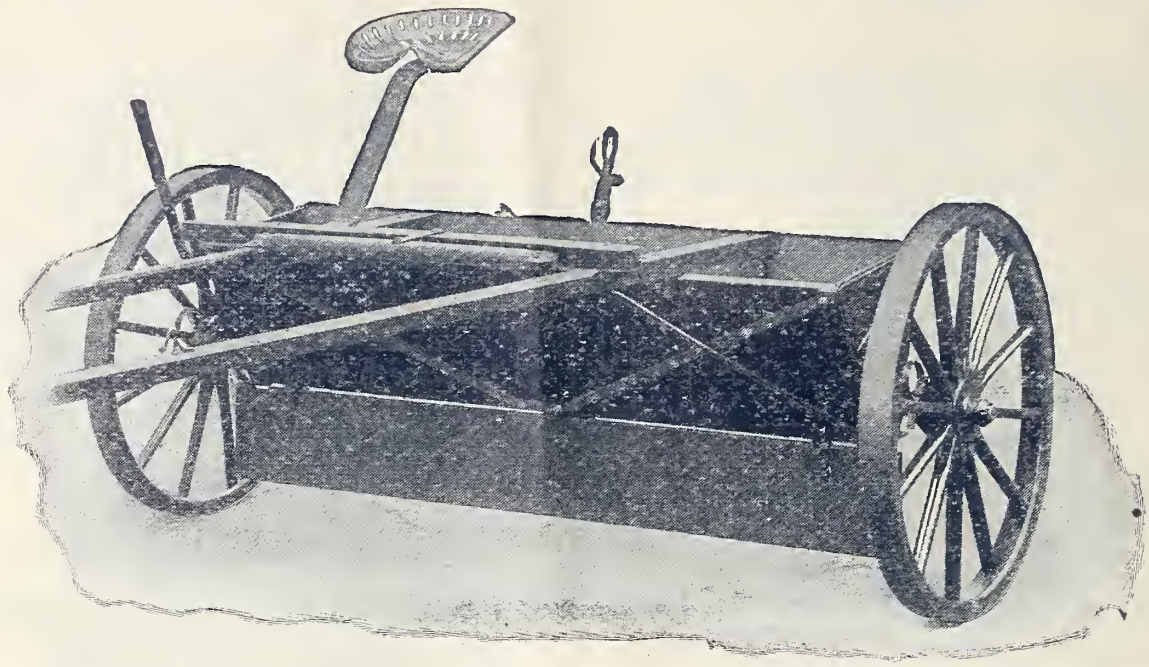
Will smooth an acre as true as a mill pond in twenty minutes. This Harrow is also a great roadmaker. For one horse, 6 feet wide, $15.00. For two horses, 8 feet wide, $17.00.

ACME HARROW.

No. 23, Two-Horse Riding Harrow, Net.
6 ft. 6 in. cut.....$17 00
No. 24, Four-Horse Riding Harrow,
13 ft. 6 in. cut..... 34 00
Size "H," One-Horse, 4 ft. 4 in. cut 14 00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

REEVES' LIME AND FERTILIZER DISTRIBUTOR



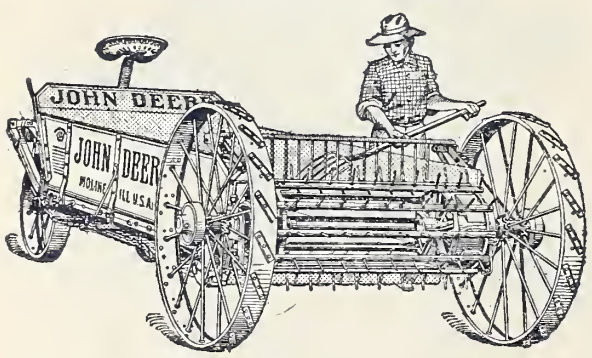
Will broadcast lime, ashes and commercial fertilizer. Will do good work under any reasonable conditions. Is well built, simple in design and will distribute from 250 to 3,550 pounds per acre. Has special shaker which allows the driver to keep agitator completely surrounded by fertilizer. The wind brake and shaker board combined hangs from the under side of the machine and serves a double purpose of distributing material evenly and preventing the wind from carrying it away. Extra feed plates can be supplied to distribute in drills or rows. Can furnish this machine specially constructed for sowing light-weight grass seed for use on golf links or large lawns, at an advance of $8.00 to prices named below.

6 ft.	1 Horse	Distributor	..... Price	$37 00
8 "	2 "	"	..... "	44 00
10 "	2 "	"	..... "	50 00

6-ft. machines have heavy wood wheels with tires 3" wide. 8- and 10-ft. machines have heavy wood wheels with tires 4" wide.

JOHN DEERE MANURE SPREADER.

HAS BEATER ON AXLE



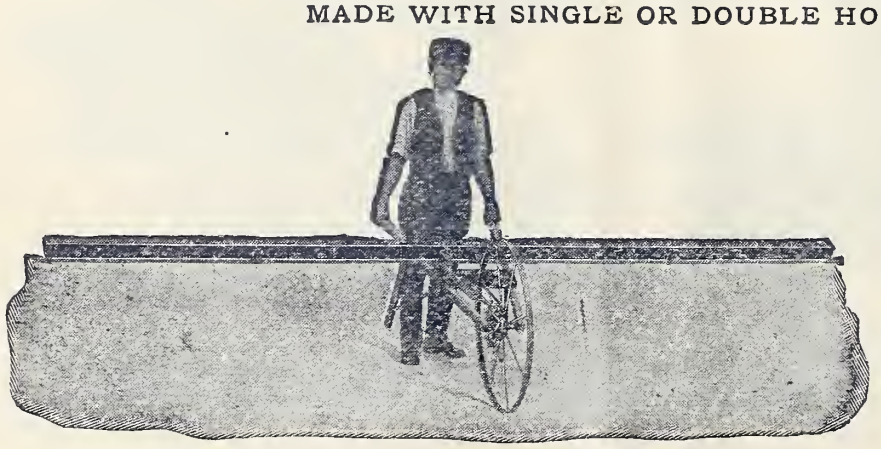
Is of the low down type, easily loaded; distance from ground to top of box is 38 inches. This Spreader has from one hundred to one hundred and twenty-five less castings than the simplest spreader heretofore made. It will spread from five to twenty-five loads per acre; the amount to be spread is regulated from driver's seat by lever; is light of draft and is built with roller bearing drive wheels, made in three sizes. For two horses, 40 bushel capacity, $115.00 net. For two horses, 50 bushel capacity, $120.00 net. For three horses, 70 bushel capacity, $125.00 net.

All F. O. B. Syracuse, N. Y.

Write for Special Circular

WHEEL BARROW SEEDER.

MADE WITH SINGLE OR DOUBLE HOPPER



Single Hopper Machine is used for sowing heavy Seeds such as Clovers, Timothy, Millet, etc.

The Double Hopper Machine will sow all of the above Seeds as well as light Seeds, such as Lawn Grass Mixtures, Red Top, Blue Grass, etc.

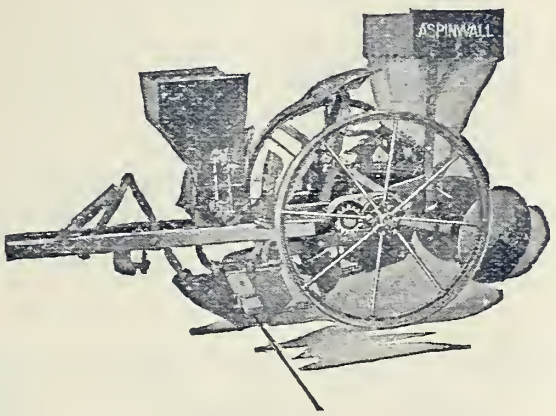
Quantity to be sown to the acre is easily regulated.

Price of the Single Hopper Machine, 14 feet long, $7.50 net.

Price of the Double Hopper Machine, 14 feet long, $10.00 net.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

No. 3. New Aspinwall Potato Planter with Disc Covers and Flexible Sack Hopper.



It marks the row, opens the furrow, drops and covers the seed, either shallow or deep, in one operation.

It deposits the seed at any desired depth, from 3 to 9 inches.

It will plant from 5 to 8 acres per day with one man and a team, will work satisfactorily on side hills or stony ground.

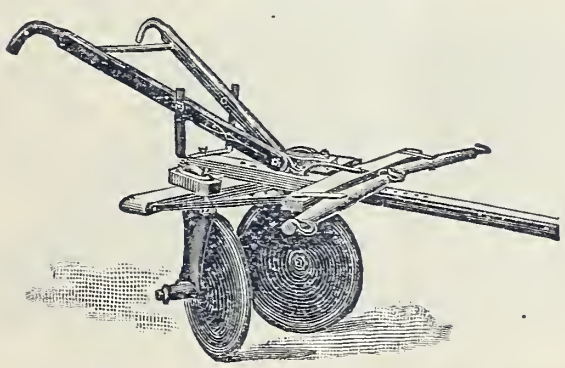
It deposits the seed in a V-shaped furrow, at a uniform depth, and is adjustable to plant, cut or whole seed at any desired distance apart, from 9 to 20 inches. Each Machine is fitted with gears to sow 13 inches apart, and one extra set of gears is furnished to sow 15 inches apart. Gears for other distances at additional cost.

The Canvas Sack Hopper overcomes clogging. The Fertilizer Attachment will sow from 200 to 2000 pounds per acre.

Price, plain $65 00
" with Fertilizer Attachment..... 80 00
" Attachment for Planting Corn, Beans and Peas, add..... 8 00

Write for Special Circular.

Disc Hoe and Coverer.



Handles and Discs are adjustable for covering and filling Rowed Crops as fast as the team can walk. Has two 20 inch. Steel Discs.

Net.....$10.50

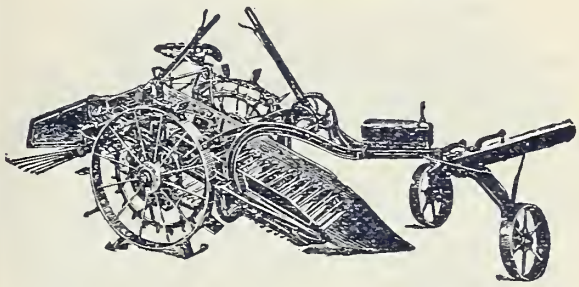
Whiffletrees and Neck Yoke, extra....$3.00

The Reeves Wood Beam Potato Digger.

This Digger has a splendid record. In many trials with high-priced Diggers it has been adjudged the superior Digger. It is of light draft, light to operate, but heavy in merit.

Price, with Cast Point.....$10.50
" " Steel " 11.50

Hoover Potato Diggers.



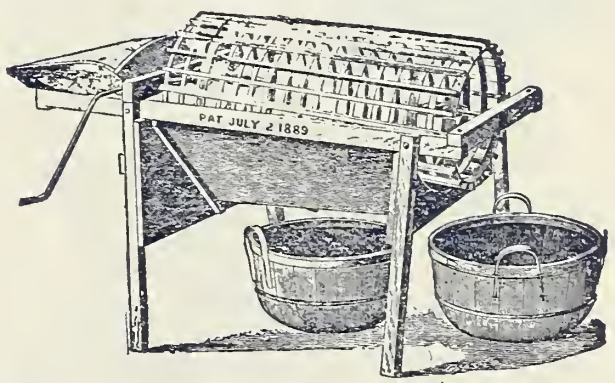
They are built on scientific principles and for the past twenty-five years have proven that their construction and design are correct. All sizes are furnished with either Rod or Riddle Elevators, at same price. The Rod Elevator is used when ground is free from stones, and the Riddle Elevator on stony ground.

	Net
No. 300 Hoover Potato Digger with six-foot rod elevator, 22 inches wide, with Vine Separator	$100 00
No. 301 Hoover Potato Digger with six-foot riddle elevator, 22 inches wide, with Vine Separator	100 00
No. 306 Hoover Potato Digger with five-foot rod elevator, 20 inches wide, with Vine Separator	95 00
No. 307 Hoover Potato Digger with five-foot riddle elevator, 20 inches wide, with Vine Separator	95 00

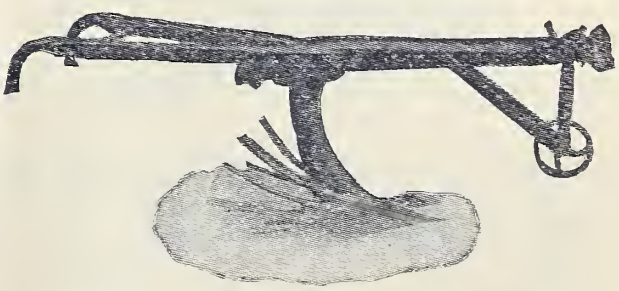
Adjustable Rolling Coulter extra, $6.50.

Write for special Catalogue.

Potato Sorter and Sprouter.

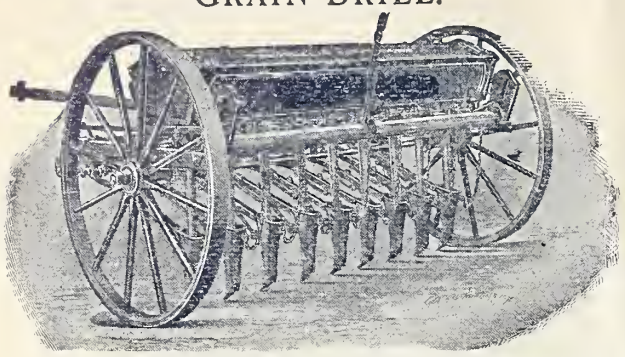


Two men and a boy can sort and put into the wagon from 80 to 100 bushels an hour. It can be operated by one person if necessary. As you see, the potatoes pass from the hopper into the cylinder, which should be turned very slow. Pick out the decayed or scabby potatoes as they pass through the hopper. If the potatoes need sprouting, raise the lower end of the machine or turn the cylinder half way over, and then back, or both. The small potatoes, dirt, straw, etc., will fall under the sorter into the basket, while the merchantable ones will be delivered into baskets as shown, or they may be run on an incline into the cellar. To sort seed potatoes from the small ones, just wind the cylinder with binder twine the proper mesh, and the result will surprise you. Net, $17.00.



The prices on all machines and tools in this Catalogue are net; 5 per cent. will be allowed for cash with order.

GRAIN DRILL.



Grass Seeder and Fertilizer Sower

Plants beans, corn, peas, etc., without putting on special distributors.

It has grain and fertilizer hoppers of the largest capacity.

It has double force feed grass distributors, the same as grain distributors.

The following prices include Seat and are for Spring Hoe Drills.

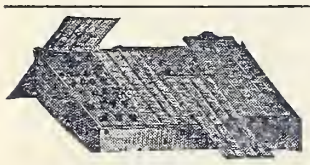
8	Spring Hoe	Fertilizer	Drill	.....	net,	$68.00
9	"	"	"	.....	"	72.00
10	"	"	"	.....	"	75.00
11	"	"	"	.....	"	80.75

For Disc Drills, add $6.00

MATS FOR COVERING SASHES

Covered with Burlap on one side, Canvas on other. Thickly padded.

Size 76 x 76. Net, each.....$2.00



EXTRA HOT BED SASH

3 feet by 6 feet, glazed and painted, Price, $3.50 ea. $40.00 per doz.

DOUBLE LIGHT HOT BED SASH

3 x 6 feet. Price, $4.85 each. $54.00 per doz.

HOT BEDS AND COLD FRAMES

Painted, made of Cypress lumber. Price does not include sash. For sash see above.

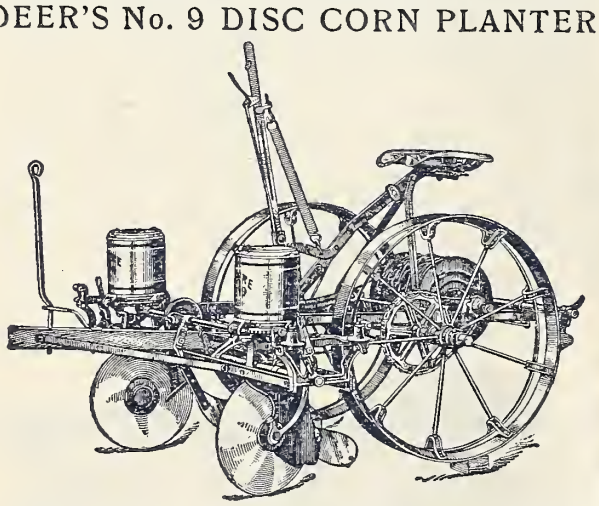
For two 3 x 6 sash, $8.50 | For four 3 x 6 sash, $12.50
" three " " 10.50 | " five " " 14.50

DEEP COLD PITS

Same as hot beds quoted above, except with 18 inch additional frame, made of 2-inch lumber. Price does not include sash.

For two 3 x 6 sash, $15.50 | For four 3 x 6 sash, $21.50
" three " " 18.50 | " five " " 25.00

DEER'S No. 9 DISC CORN PLANTER



With *Check Row* and Fertilizer Attachments for Hilling and Drilling. Net, $62.00.

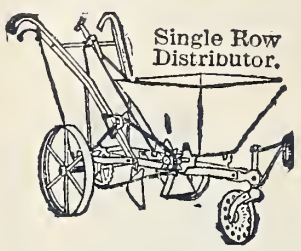
Add for Automatic Hilling Attachment, $2.00.

Add for Hand Drop, $1.75.

If Fertilizer Attachment is not wanted, deduct $13.00.

Made with Open or Concaved Wheels

Single Row Fertilizer Distributor



Single Row Distributor.

Has Positive Force Feed. Will sow dry or damp fertilizer from 150 to 2,800 pounds per acre, spreading it six inches wide in furrows. THE HOPPER WILL HOLD NEARLY A BAG OF FERTILIZER.

Net Price $14.00

Two Row Fertilizer Distributor

Adjustable to spread and row 2 feet 6 inches, 2 feet 8 inches, and 2 feet 10 inches, and 3 feet apart. Feeding device same as on single row distributor, $24.00.

ONE HAND CORN AND BEAN PLANTER.

The lightest, most accurate and strongest Planter in the market.

Net $1 60

Cahoon's Broadcast Seed Sower.

Will sow Wheat, Rye, Oats, Hemp, Barley, Timothy, Millet and Clover.

It throws same from eight to twenty feet on each side of the operator.

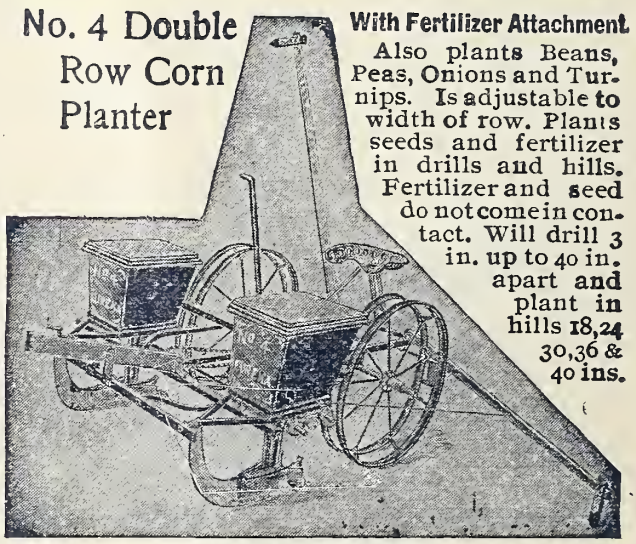
At a common walking gait sows from four to eight acres per hour.

Price..... $3.40 net.

No. 4 Double Row Corn Planter

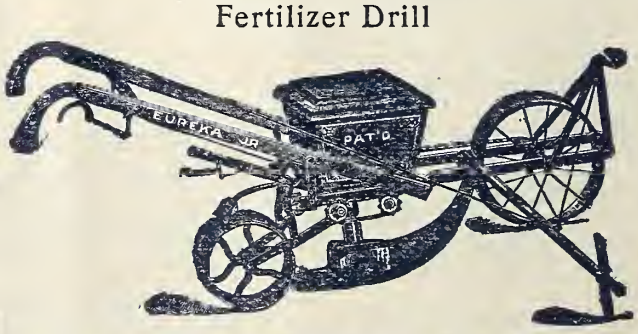
With Fertilizer Attachment

Also plants Beans, Peas, Onions and Turnips. Is adjustable to width of row. Plants seeds and fertilizer in drills and hills. Fertilizer and seed do not come in contact. Will drill 3 in. up to 40 in. apart and plant in hills 18, 24 30, 36 & 40 ins.



Net Price.....$46 00

No. 2 Eureka Corn Planter and Fertilizer Drill

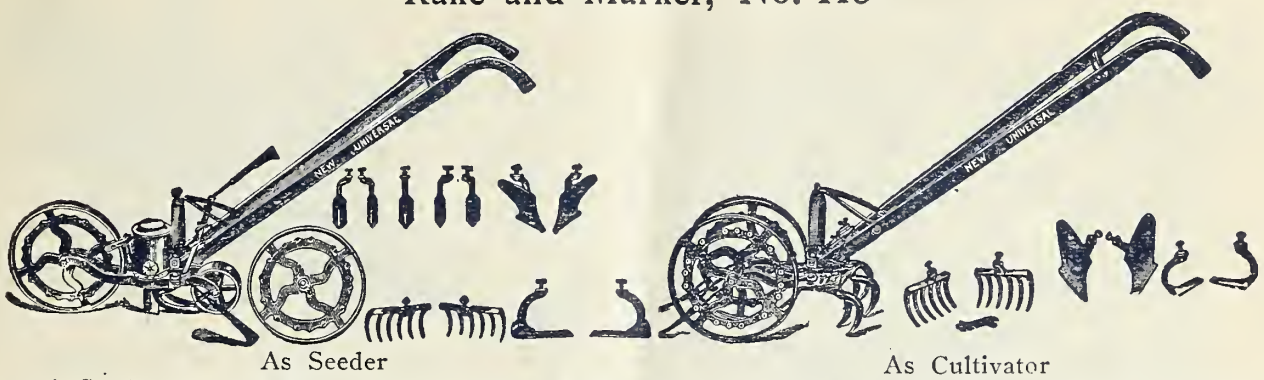


Similar to No. 4, except it is a one-row Planter.

Net, $23 00.

The prices on all machines and tools in this catalogue are net· 5 per cent. will be allowed for cash with order.

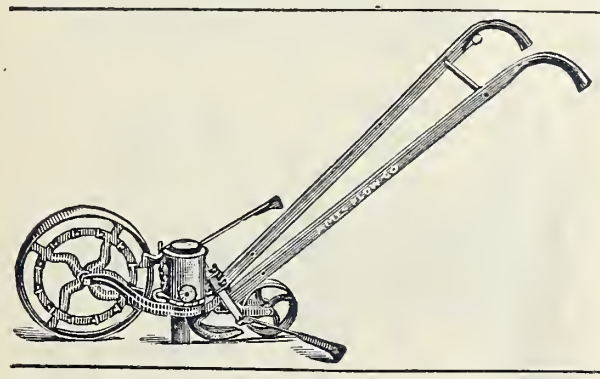
New Universal Combination Seeder, Cultivator, Plow, Rake and Marker, No. 119



As Seeder — As Cultivator

A Seeder that will plant in hills varying from 4 to 48 inches apart, as well as in drills. *Has high Arch* of steel, allowing cultivation of plants 20 inches high. Used as *One* or *Two* wheel Cultivator at the will of operator. Has 1 pair 8-inch Hoes, 1 pair Narrow Cultivator Teeth, 1 pair Wide Cultivator Teeth, 1 only Center Cultivator Tooth, 1 pair Plows, 1 pair Rakes, 1 pair Vine Guards.

Price, complete, $10.25 net.



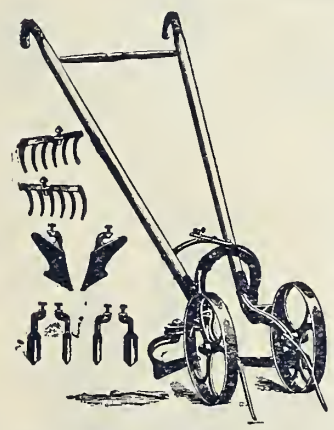
New Universal No. 17 Garden Drill.

NO BETTER SEEDER CAN BE PRODUCED.

Especially recommended to users requiring a Perfect Drill Seeder. It has all the Special Seeding Features so well known in the New Universal line, such as perfect device for regulating the quantity of seed to be planted. (It will plant from a paper of seed to any desired quantity.) It also has the other Special Features of the New Improved Cut-off, as well as Improved Markers. Net, $7.50.

New Universal Double Wheel Hoe, Cultivator, Rake and Plow, No. 14.

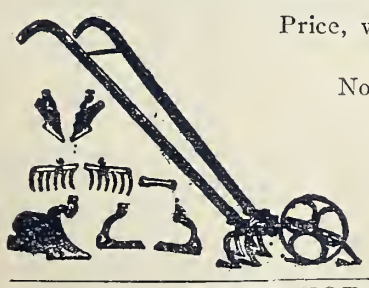
Net Price, $6.00.



SPECIALLY DESIGNED FOR WORKING BOTH SIDES OF THE ROW AT ONE PASSING.

The special recommendation is the *Adjustable Arch*, by which not only the *depth* of work can be gauged, but which, by an ingenious device, enables the teeth to be pitched at any angle desired. The attachments are 1 pair Hoes, 4 Cultivator Teeth, 1 pair Plows, 1 pair Rakes, and 1 pair Vine Guards.

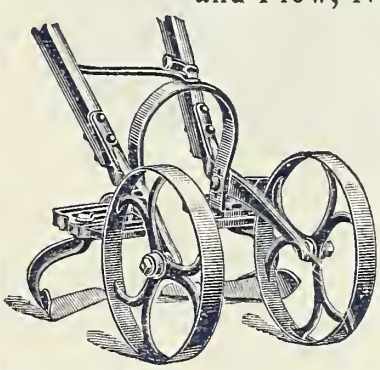
Universal Single Wheel Hoe, Cultivator, Rake and Plow, No. 12



Price, with all attachments net $4.50.

No. 13 with one pair Hoe Blades only, net $3.30

New Universal High Arch Expansion Wheel, Hoe, Cultivator, Rake and Plow, No. 26



Net Price, $8.75.

SPECIAL FEATURES

Adjustable Steel Arch allows regulation of depth, and also the pitch of teeth and the height allows cultivation of plants 20 or more inches in height. Extension Pads or Tooth Holders allow expansion and contraction so any width of cultivation can be had from the narrowest up to 20 inches in width. Attachments furnished are: 1 pair Long Bladed Hoes, 1 pair Short Bladed Hoes, 1 pair Narrow Cultivators, 1 pair Wide Cultivators, 1 Centre Cultivator, 1 pair Plows, 1 pair Rakes, 1 pair Vine Guards, and 1 Centre Tooth Holder.

New Hand Plow, No. 10.

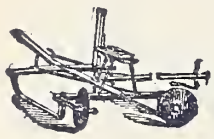
To be appreciated this little labor-saver must be seen in actual work; its cost is soon saved in a family vegetable garden, even if but twenty feet square. Price, net, $2.10.

WRITE FOR SPECIAL CATALOGUE OF UNIVERSAL GOODS.

"Universal" Cultivators, Hoes, Rakes and Plows.

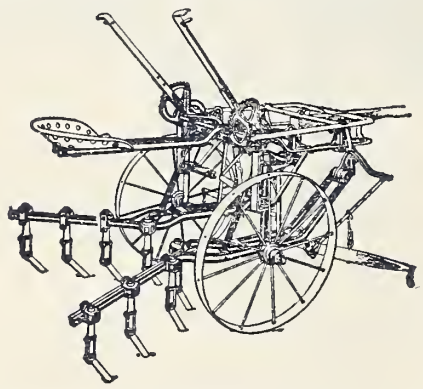
The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

Darnell Marker and Furrower, with 14 Inch Disks.



Opens Furrows, Double Furrows or Ridges. Cultivates or Plows to and from. Is strong, light running, and durable, net, $20.00.

The Reeves Riding Cultivator.



Embodies the new hill-side or pivot-Axle Riding Cultivator of the gang and wheel movement and the parallel beam features, whereby the beams are always on direct draft from the team.

By an easy pressure of the right foot the wheels and shovels are moved to the right, and by a similar pressure with the left foot are sent to the left, thus moving the entire machine instantly in the desired direction, up to or away from the rows. Some idea of this control can be obtained when you know it is possible to make a side sweep of 15 inches between hills of corn planted three feet apart.

By drawing the levers toward you the gangs are easily raised. The shovels are adjustable and can be turned to any angle or given any pitch.

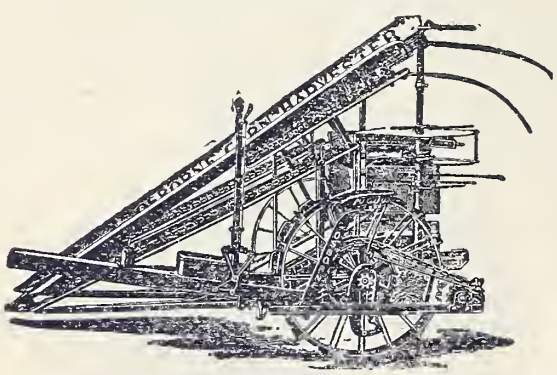
The wheels and gangs are adjustable as to width. The distance between wheels is 4 feet 2 inches, and same can be narrowed to 34 inches.

Net Price with six beam.....$32.00
" " " eight beam..... 34.00
Hilling Shovels extra per pair 1.00
Disc Attachment per pair, extra..... 3.25

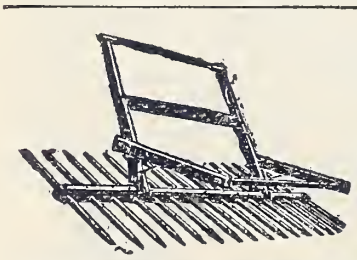
Binder and Harvester.

Complete with Bundle Carrier and Transport.
Net, $128.00 Write for Special Catalogue.

Corn Harvester.



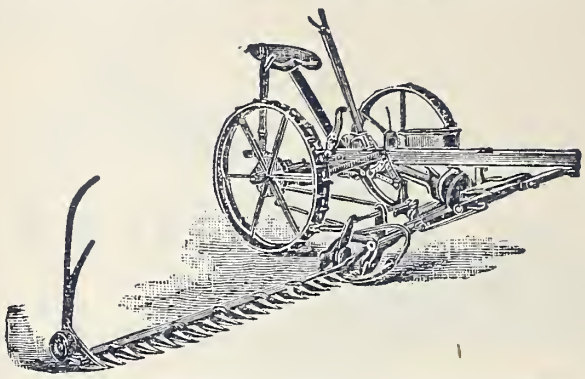
A complete success for cutting and binding all kinds of corn. Write for Special Catalogue.
Net..... $135.00



Revolving Horse Hay Rakes.

XXX Square Tooth, net..... $7.50

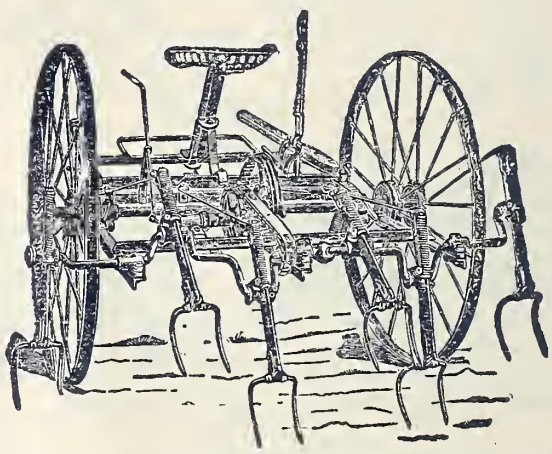
WORCESTER BUCKEYE MOWER.



The Best and Most Durable. Write for Special Catalogue.

3½ foot cuts for one Horse.....Net $39.00
4 " " " " " ..... " 40.00
5 " " " two Horses..... " 44.00
6 " " " " " ..... " 46.00

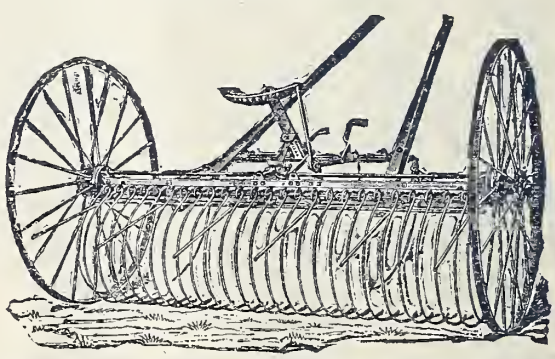
Center-Drive Tedder.



The tedder should follow the mower; it stirs up the crop so that the air passes through, curing it quickly before it is burned and blanched by the sun. By using the tedder, hay can be put in the barn sooner and is much better for the stock.

6 Fork Tedder.....Net $39.00
8 " " ..... " 42.00

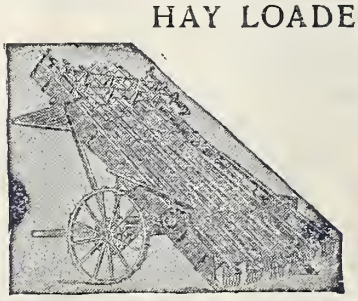
HORSE RAKES.



For one or two Horses. Send for Special Catalogue.

8 foot wide, 26 tooth, wood.....Net, $24.00
8 " " 24 " steel..... " 25.00

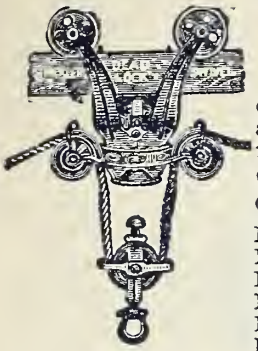
HAY LOADER.



Puts a load of hay on in a few minutes. Requires no extra men or horses to work it. It is attached and detached from the wagon in a moment. Net price, $70.00.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

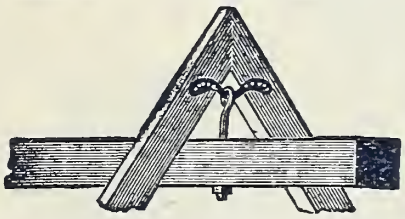
New Swivel Malleable Iron Hay Carrier



FOR WOOD TRACK.

Runs on 4x4 wood track, either right or left, without any change. Has no springs to give out. The best carrier ever put upon the market.

Carrier.....	net price,	$4 50
Hanger Hooks.....	each,	08
Rafter Irons.....	"	08
Floor Hook.....	"	08
Pulley.....	"	30
Knot Passing Pulley,	"	35
Rope Hitch.....	"	35



SHOWING THE WAY RAFTER IRONS ARE USED.

New Swivel Carrier

FOR STEEL TRACK.

Carrier.....	net,	$4 50
Track.....	per foot,	14
Track Hanger Hooks,	each,	08
Rafter Irons.....	"	08
Pulley.....	"	30
Knot Passing Pulley,	"	35
Floor Hook.....	"	08
Rope Hitch	"	35

WOOD PULLEY.

KNOT PASSING PULLEY.

RAFTER IRON.

HANGER IRON.

FLOOR HOOK.

ROPE HITCH.

Double Harpoon. Single Harpoon.

Steel Fork, $1.40.

Fork, $2.25.

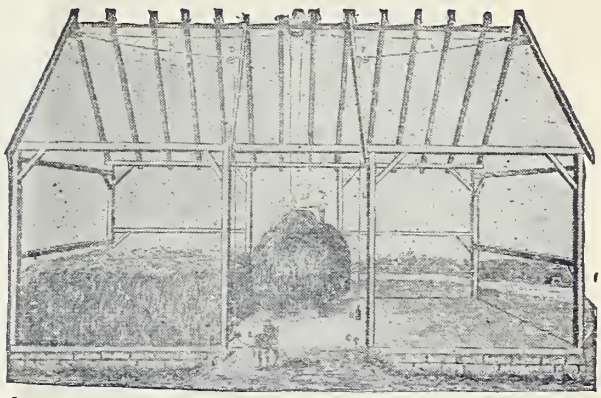
Grappling Fork.

Four Tine.....	net,	$4 75
Six Tine.....	"	5 40

DEAD LOCK HAY SLINGS.

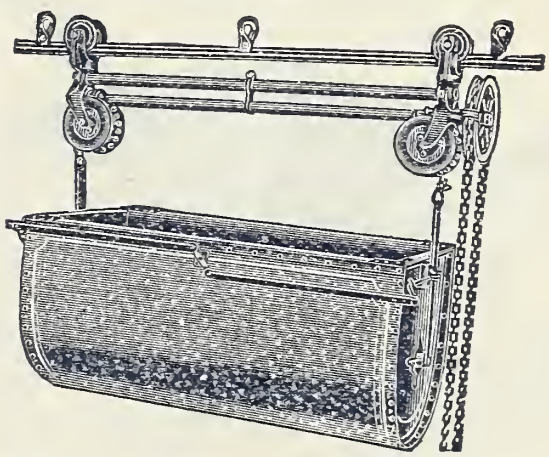
No. 1. 4 feet long.....	each,	
No. 2. 5 feet long.....	"	3 00
No. 3. 6 feet long.....	"	3 90
Self-Locking Sling Pulley.....	"	3 00

Cut Shows How Rope and Pulleys Are Adjusted.



The above cut shows hay being taken in where driveway is in center of barn and hay mow on either side. When asking for estimates on outfits kindly state size of barn, distance rafters are apart, and whether delivery is to be made in center or at one end, or outside of barn. Our line of Haying tools is complete and we would like to name you price on your entire outfit.

The Standard Litter Carriers.



Keeping the barn clean is a chore that every man about the place likes to have the other fellow do.

It would be different if you had a Litter Carrier that makes the work so easy and helps you to save every ounce of the valuable fertilizer.

You may think you do not want a Litter Carrier, but there is not any question about you needing one.

	NET
Standard Litter Carrier.....	$30.00
Double Beaded Steel Track, per foot,	.17
Hangers, each	.12
Screw Eyes, each.....	.12
Rafter Brackets.....	.06
Two Way Switch mounted	5.00
Three " " "	6.00
Right Angle Curves	2.00

Prices on Feed Carriers on application.

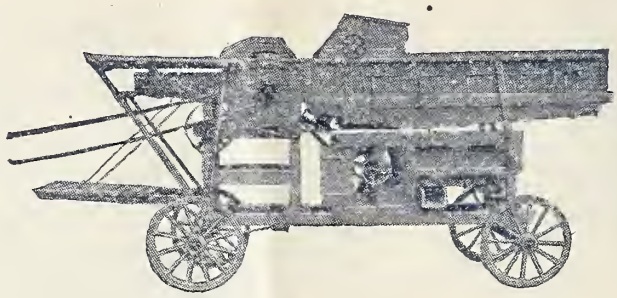
Hay Caps.

Chemically treated to prevent mildew. For protecting Hay from rains after it is cured and before it can be stored in the barn. Order early to insure delivery.

Size, 5 feet by 5 feet. Net, $1.00 each.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

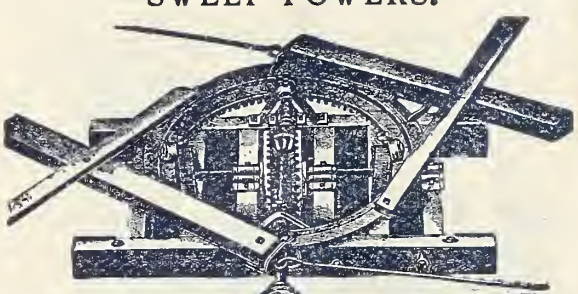
THRESHER, SEPARATOR AND CLEANERS.



No. 231.	Size of Cylinder 18x23 inches.	Price not mounted	$135.00
No. 261.	" " " 18x26 "	" " "	155.00
No. 305.	" " " 18x30 "	" " "	185.00
Mounting Extra for No. 231 and 261			40.00
" " " No. 305			45.00

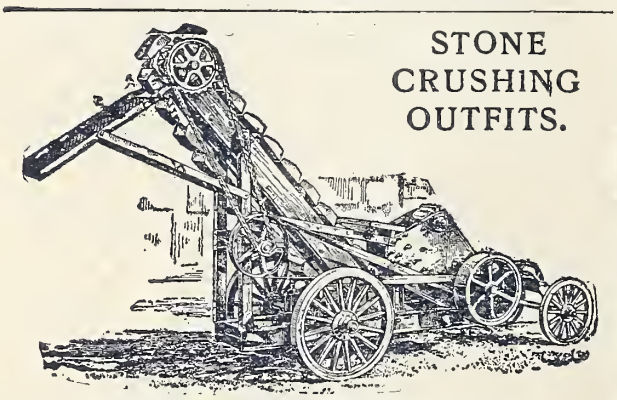
Write for Special Catalogue

SWEEP POWERS.



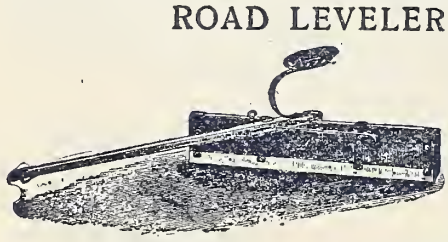
The two horse power has tumbling rod 1⅛ in. diameter and squared for one inch couplings.
The four horse power has 1¼ inch rod and squared for 1⅛ inch couplings. Net.
Speed of the two horse power, high 32, low 10. . $45.00
" " four " " " 56, " 10½ 56.00
State if high or low speed is wanted.

STONE CRUSHING OUTFITS.



Circulars and prices on application.

ROAD LEVELER.

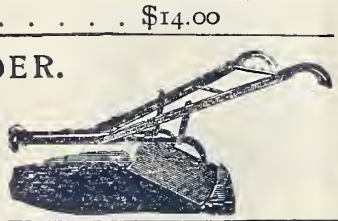


Has a steel blade 72 ins. long by 4 ins. wide, ¼ in. thick. Is used for smoothing rough dirt or gravel roads.

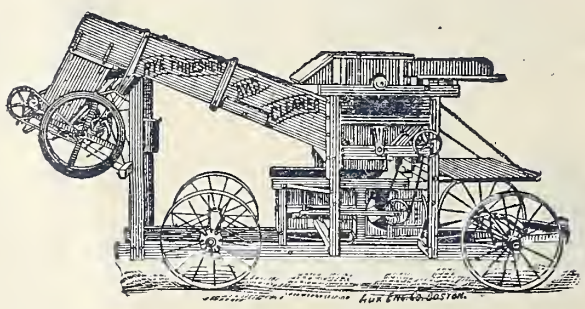
Net Price, ... $14.00

SURFACE GRADER.

The steel blade measures 30 inches long by 15 inches wide.
Weight, 60 lbs.
Price, $10.00

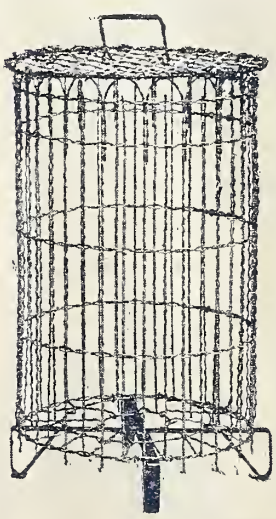


Straw Preserving Thresher Cleaner and Binder.



For threshing rye without injuring the straw, keeping it straight and even, binding it as fast as threshed; also cleaning the grain ready for market. Can be operated with four horse power.
Capacity twenty-five to forty Bushels per hour.
Speed 800 to 1000 revolutions per minute.
Mounted. Truck wheels 36 inches in diameter.
Net Price, $375 00.

BURNING BASKETS

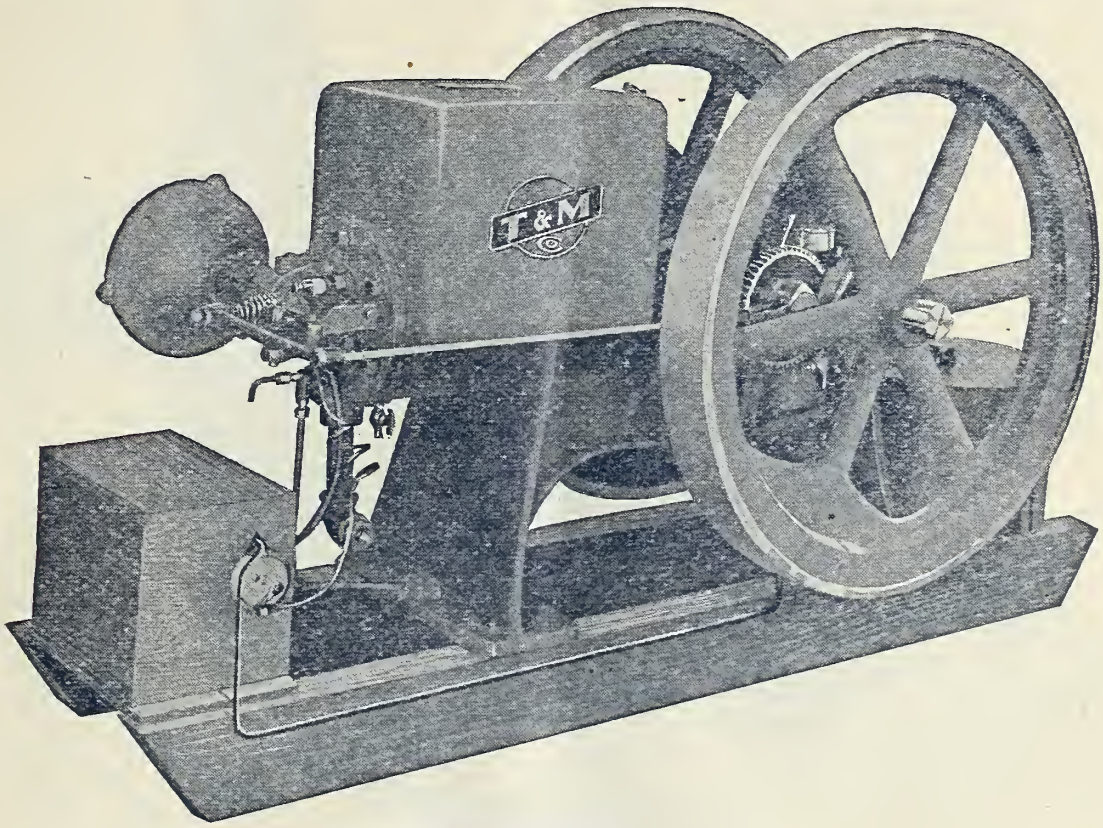


Are strong, neat and artistic, Waste Baskets with hinge covers made of heavy steel wire. Used for waste paper and rubbish. May be placed in any convenient spot indoors or out and when full contents may be burned in basket without danger, dirt or litter, or emptied as desired.
Made in three styles.

No. 1—20 in. diameter,		30 in. high			$3.50 net
" 2—17 "	"	25 "	"	....	2.40 "
" 3—14 "	"	21 "	"	.....	2.10 "

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

T. & M. Horizontal Hopper Cooled Gasoline Engines on Skids.



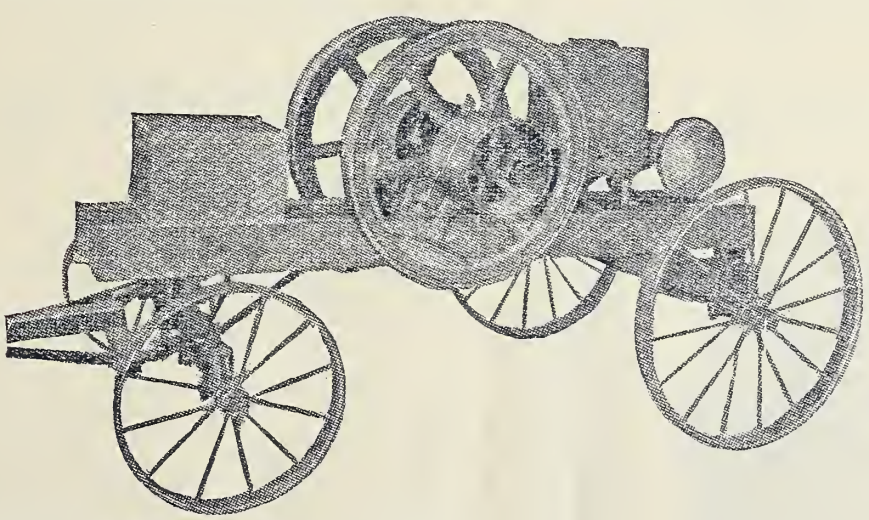
2½ HORSE POWER ENGINE

They have so many desirable features and are so attractive and satisfactory in every way, you should be sure and look them over before purchasing elsewhere. We can furnish for these Engines an attachment by which they can be operated by KEROSENE (after first being started on Gasoline).

These Engines are complete, and are shipped all set up ready to run, it only being necessary to fill the gasoline tank, oil and grease cups. No expert is required. The simple instructions accompanying each engine are sufficient to enable any one to master the machine in a very short time.

H. P.	Speed.	Cylinders.	Pulley.	Floor Space.	Weight.	Price on Skids.
1½	500	3½x 4 in.	4x 4 in.	22x40 in.	250	$42.00 net.
2½	450	4½x 5½ "	6x 4 "	30x48 "	500	63.00 "
4	400	4¾x 6 "	8x 6 "	28x50 "	600	100.00 "
6	330	6 x 8 "	12x10 "	36x58 "	1200	172.00 "
9	280	7½x10 "	14x12 "	40x56 "	2000	295.00 "
12	270	8 x11 "	16x13 "	42x60 "	2500	375.00 "

Magnetos, when ordered with 6 H. P. Engine.....Extra, $16 50
Magnetos, when ordered with 9 H. P. Engine..... " 22 50
Magnetos, when ordered with 12 H. P. Engine..... " 22 50



KEROSENE ATTACHMENT WHEN ORDERED WITH ENGINE, EXTRA

For 1½ H. P., $3.00; for 2½ H. P., $3.00; for 4 H. P., $4.00; for 6, 9, and 12 H. P. $15.00.

WRITE FOR SPECIAL CIRCULAR

Mounting 1½ H. P. on Hand Truck.....Extra $10 50
Mounting 2½ H. P. on Hand Truck..... " 11 00
Mounting 4 H. P. on Hand Truck..... " 14 00
Mounting 6 H. P. on Horse Truck..... " 45 00
Mounting 9 H. P. on Horse Truck..... " 55 00
Mounting 12 H. P. on Horse Truck..... " 60 00

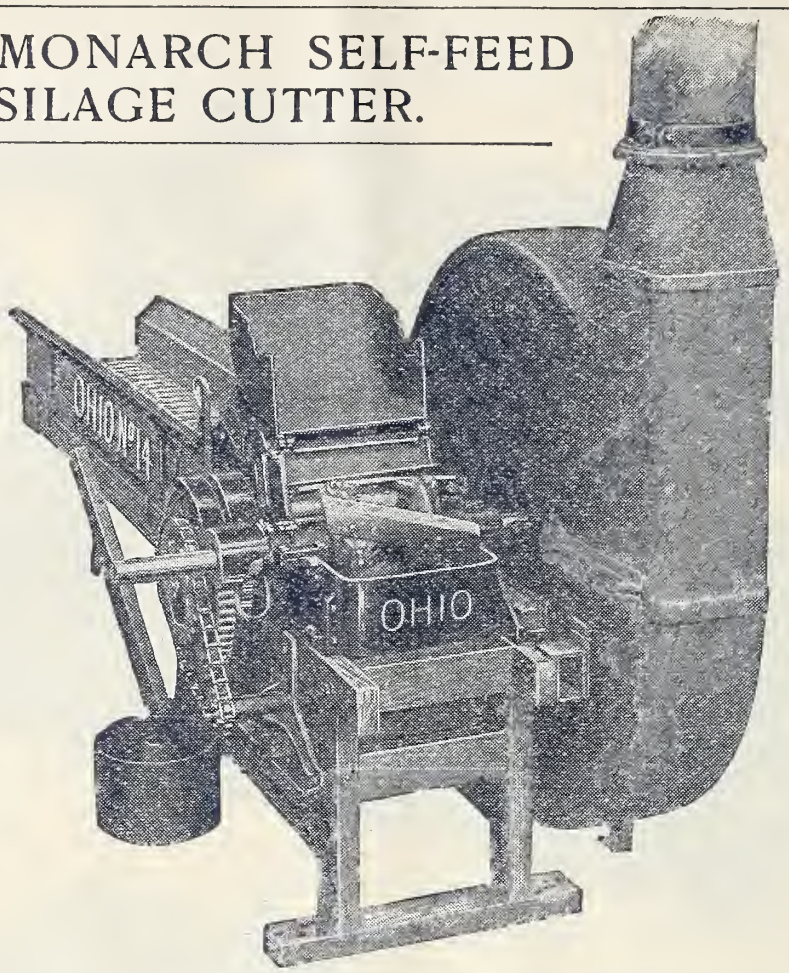
We can also furnish Friction Clutch Pulleys for any of the above at an additional cost.

Pumping Jack Attachment for Well Pumps No. 1.....Net, 7 00
Pumping Jack Attachment for Well Pumps No. 2..... " 10 00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

"OHIO" MONARCH SELF-FEED ENSILAGE CUTTER.

WITH BLOWER ELEVATOR.



No. 11, with two 11-inch knives, cuts ¼, ½, ¾, and 1-inch, complete with distributor for top of pipe $120 00
No. 12, with four 12-inch knives, cuts ¼, ½ and 1 inch, and Blower complete, with new distributor for top of pipe 160 00
No. 15, "Monarch" Cutter, four 15-inch knives, cuts ½, ¾ and 1 inch, and Blower complete with new distributor for top of pipe 185 00
No. 17 "Monarch" Cutter, four 17-inch knives, cuts ½, ¾ and 1 inch, and Blower complete with new distributor for top of pipe 220 00
No. 19 "Monarch" Cutter, four 19-inch knives, cuts ½, ¾ and 1 inch, and Blower complete with new distributor for top of pipe 250 00
10-inch galvanized pipe in 4, 6, 8 and 10-foot lengths for No. 14, No. 17 or No. 19 Cutter, per foot 75
New Silo Tube, to distribute ensilage inside silo; made in 3-foot sections, hung together by hook and links; flexible, easily taken apart. Top section 3 feet long with flaring top. List, $2.25. Other sections, 3 feet long, complete, each 2 25
Shredder blades for No. 15, $3.00; No. 17, $3.75; No. 19, 4.15 each.
Above prices are complete with blower and distributor, but no pipe.

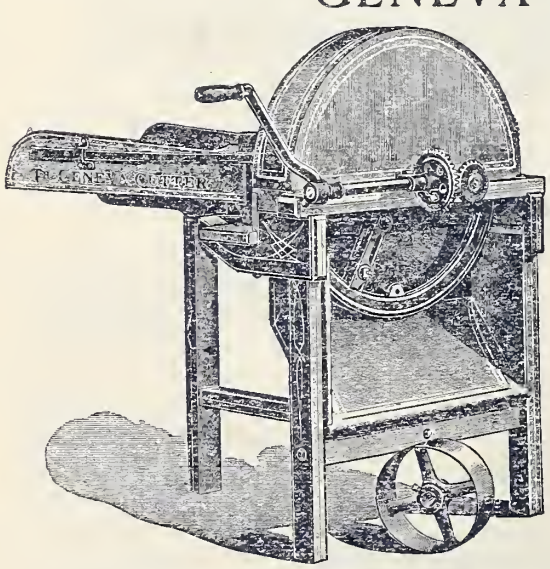
CAPACITY.

No. 11, 3 to 5 tons per hour.
No. 12, on ½-inch cut, 8 to 10 tons per hour.
No. 15, on ½-inch cut, 12 to 15 tons per hour.
No. 17, on ½-inch cut, 15 to 20 tons per hour.
No. 19, on ½-inch cut, 20 to 25 tons per hour.

POWER.

No. 11, Six to Eight Horse Power Steam.
No. 12, Six to Eight Horse Power Steam.
No. 15, Eight to Ten Horse Power Steam.
No. 17, Ten to Twelve Horse Power Steam.
No. 19, Twelve to Fourteen Horse Power Steam.

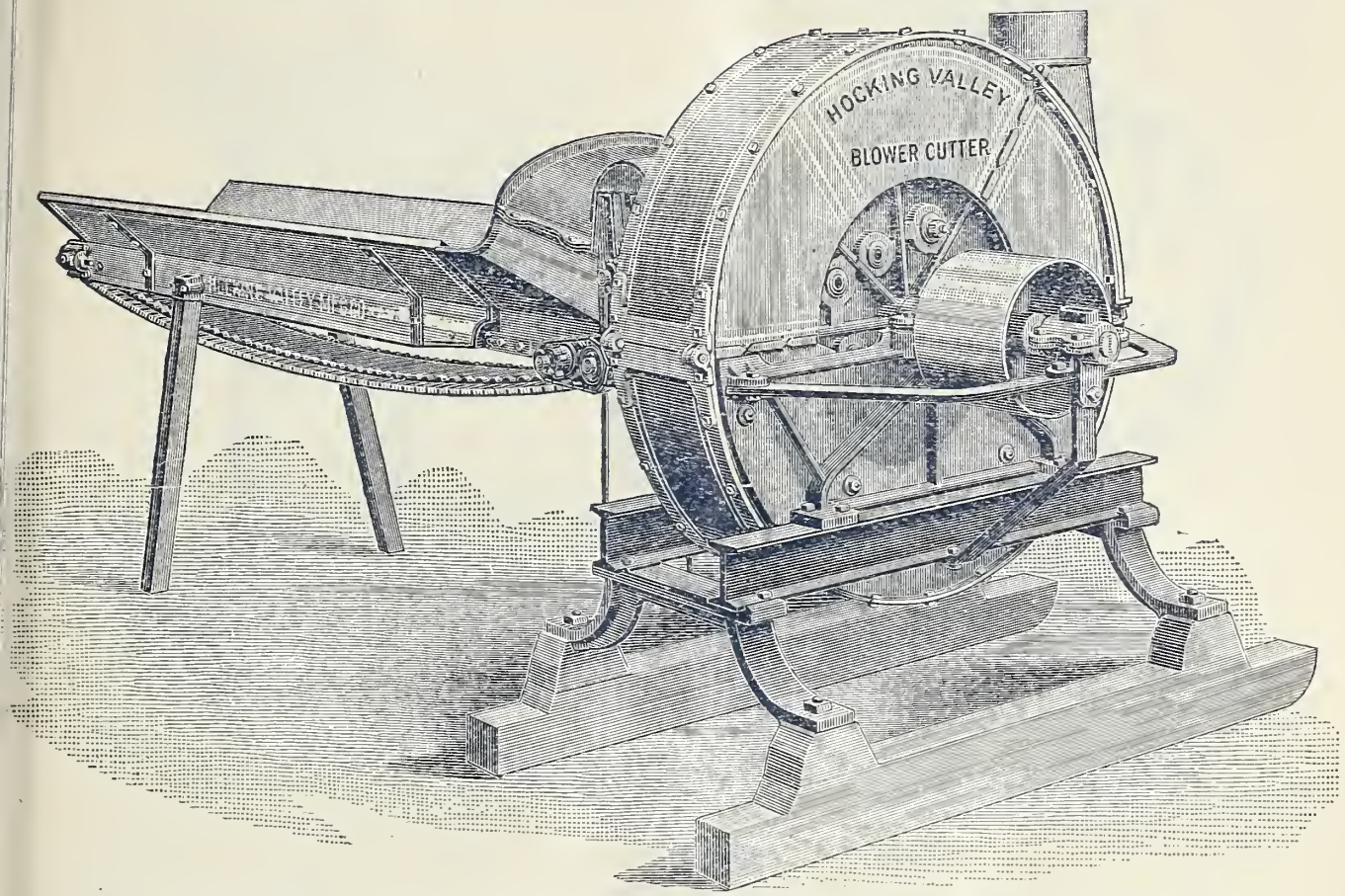
GENEVA FEED CUTTERS



No. 6 has two 9-inch knives. For hand only. Cuts ¼, ½, ¾, 1¼ inches. Price, $24.00. Splitters extra, $3.50.
No. 8 has two 10-inch knives. For hand only. Cuts same as No. 6. Price, $28.00. Splitters extra, $4.00.
No. 10 has two 10-inch knives. For hand and power. Cuts same as No. 6 and No. 8. Has gearing covered, and lever to throw in and out of gear. Price, $32.00. Splitters extra, $4.00.
No. 12 has two 13-inch knives. For hand or power. Cuts ¼, ½, ⅝, ⅞, 1, and 1¾ inches. Has gearing covered, and lever to stop gears or make them revolve forward or backwards. Price, $42.00. Splitter extra, $5.00.
No. 14 has two 17-inch knives. For power only. Cuts same as No. 12. Gearing covered and lever same as No. 12. Price, $60.00. Splitters extra, $6.00.
No. 16 has three 17-inch knives. For power only. Cuts same as No. 14 with exception of No. of knives. Price, $68.00. Splitters extra, $9.00.
Carriers can be furnished for No. 12, 14 and 16. Prices on application. Size of pulley, 10 inches diameter.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

HOCKING VALLEY BLOWER CUTTERS



Cut represents No. 20, No. 22 and No. 24 Blower Cutter. No. 19 does not have the third Bearing. *Otherwise is similar.*

No. 19 has 12½-inch knives, 9-inch throat, 8-inch leather covered pulley. Cuts ½ to 2½ inches. Weight 445 lbs. Price, including deflator and Self Feed Table.....$105 00
No. 20 has two 16½-inch knives, 11-inch throat, 9-inch leather covered pulley. Cuts ½-¾-1½ inches. Weight 1,288 lbs. Price, including deflator and Self Feed Table..... 130 00
No. 22 has two 18½-inch knives, 13-inch throat, 10-inch leather covered pulley. Cuts ½-¾-1½ inches. Weight 1,537 lbs. Price, including deflator and Self Feed Table..... 170 00
No. 24 has two 21¼-inch knives, 15-inch throat, 11-inch leather covered pulley. Cuts ½-¾-1½ inches. Weight 2,257 lbs. Price, including deflator and Self Feed Table..... 210 00
Pipe extra per foot, including joint clamps and bolts.

For No. 10—6-inch pipe, 60 cents per foot. No. 20—7-inch pipe, 60 cents per foot. No. 22—7½-inch pipe, 60 cents per foot. No. 24—8-inch pipe, 60 cents per foot.

Two Splitter Blades Extra.		Mounting Extra.		Size of leather covered pulleys.
No. 19. $5.50	No. 20. $7.50	No. 19.....$40.00		No. 19. 8 inches diameter.
No. 22. 8.50	No. 24. 10.00	No. 20..... 40.00		No. 20. 9 " "
		No. 22..... 45.00		No. 22. 10 " "
		No. 24..... 45.00		No. 24. 10 " "

Power.	Capacity.	Speed.
No. 19. 3-5 Horse Power Steam	No. 19. 4-6 tons per hour	900-1,000 rev. per minute
No. 20. 4-7 " " "	No. 20. 6-8 " " "	800-900 " " "
No. 22. 7-10 " " "	No. 22. 8-12 " " "	650-850 " " "
No. 24. 8-12 " " "	No. 24. 10-15 " " "	600-800 " " "

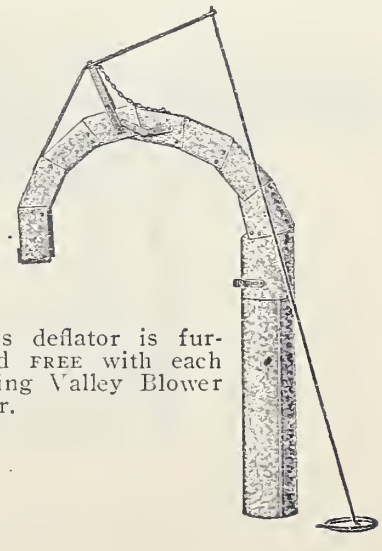
Subject to Special Discount.

INSIDE SILO TUBE

Heretofore one of the most unpleasant jobs in connection with filling the silo has been the work of the man inside, distributing and tramping the cut material.

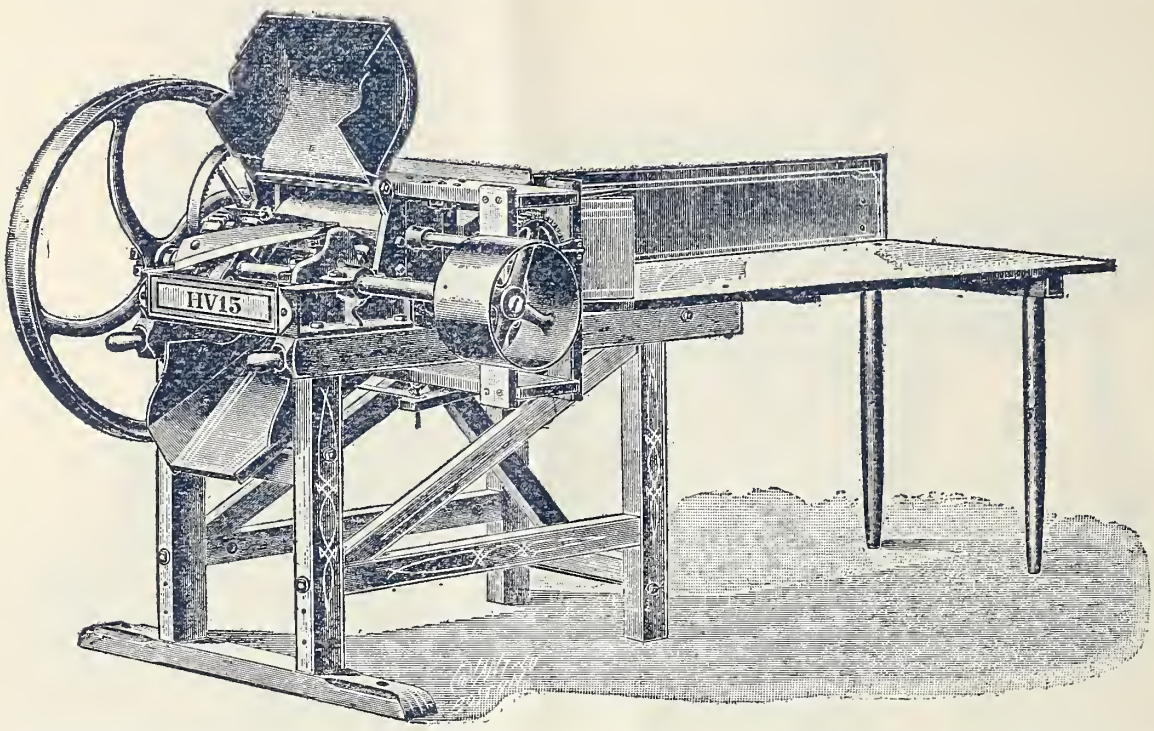
With the silo tube illustrated herewith this work becomes both pleasant and easy. It is really reduced to the mere guiding of the mouth of the tube by hand.

Price of Tube for 3-foot Section.....$1 60
Price of Hopper..... 2 25



This deflator is furnished FREE with each Hocking Valley Blower Cutter.

HOCKING VALLEY FEED AND ENSILAGE CUTTERS



Cut represents No. 15 Cutter fitted with ensilage table. Regular cutting box will be furnished unless ensilage table is specified. The No. 9 Cutter is made only with regular cutting box.

No. 9, with 3 9-inch knives, cuts ⅜, ⅞, 1½ inches. $30.00. Pulley extra, $2.00.

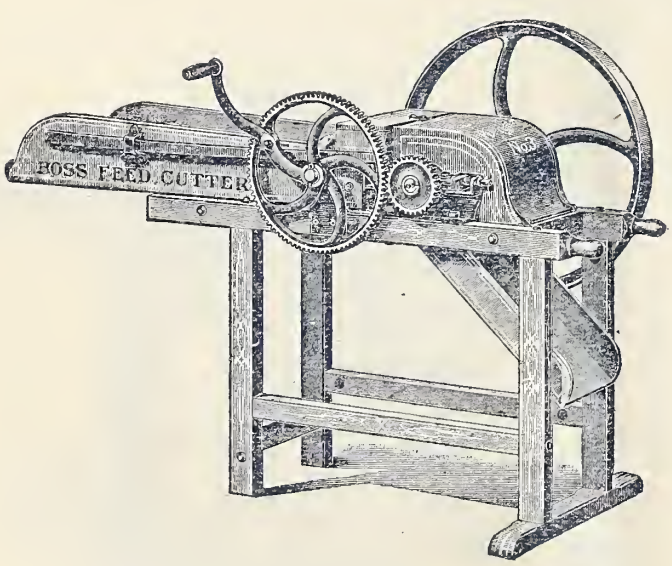
No. 11, " 4 11 " " price with	plain cutting box	$45 00
" "	ensilage table	50 00
" "	self feed table	60 00
No. 13, " 4 13 " " " "	plain cutting box	60 00
" "	ensilage table	65 00
" "	self feed table	75 00
No 15, " 4 15 " " " "	plain cutting box	75 00
" "	ensilage table	80 00
" "	self feed table	90 00

No. 11, 13, 15 Cutters, cut ¼, ½ and 1 inch. By removing two of the knives the machine will cut 4 and 5 inches.

Combined angle and direct carriers extra. For first twelve feet on No. 11 and No. 13, $30.00. For each additional foot over twelve feet, $1.50 per foot. For first twelve feet on No. 15 Cutter, $32.00; for each additional foot, $1.50.

	Power required.	Speed.
No. 9	Hand or 2 horse power gasolene engine	500-600 R.P.M.
No. 11	" " " " " "	500-600 R.P.M.
No. 11	when used with elevator 3-4 horse power.	500-600 R.P.M.
No. 13	" " " " 3-4 " "	500-600 R.P.M.
No. 15	" " " " 4-5 " "	500-600 R.P.M.

No. 11 cuts 2,000 lbs. of dry fodder per hour. No. 13 3,000 lbs. No. 15 4,500 lbs. All are fitted with 10-inch diameter pulleys.

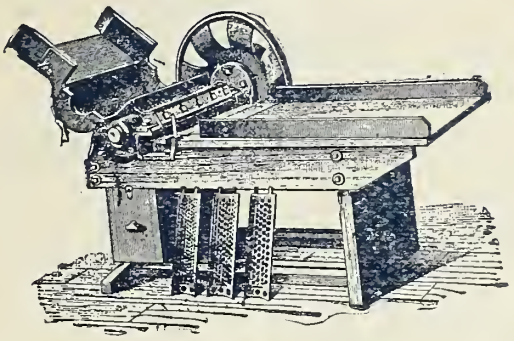


BOSS FEED CUTTER

Our Well Built One Knife Cutters, will cut any length from ¼ to 2 inches.

No. 2 has 8-inch knife, price, $18.00
No. 3 has 11-inch knife " 22.00

PHARMACY CUTTER.



For Cutting and Screening to any Desired Size.

Roots, Herbs, Leaves, Barks, Spices, &c.

The Machine has four 16-inch knives. The material cut off is carried over a perforated plate, and what is fine enough falls through the perforations, the balance is returned to the front and recut until sufficiently fine. The cut stock is collected in a box under the plate. The knives are straight and thus easy to sharpen, and are placed at an angle against the bed-plate of the cutter, which forms a cutting edge against which the knives work, thus having a perfect shearing action on the material.

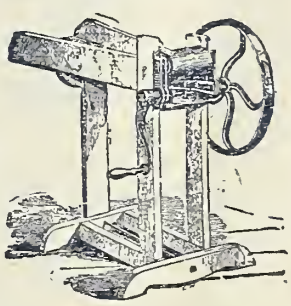
The perforated plates are easy removable and the holes in them being made of any desired size, the change from one grade of fineness to another can be made in a moment, by simply changing the plates. The fineness depends only on the size of the holes in the plates and it is just as easy to make the material ⅛ inch long as to make it ½ inch.

Each machine is furnished with two plates of any desired bore, and extra plates are made to order on short notice.

The power to run one of these cutters is only one horse or less, depending on the nature of the material operated upon.

Price.....$75 00

Spiral Knife Hide Roller Feed Cutters.



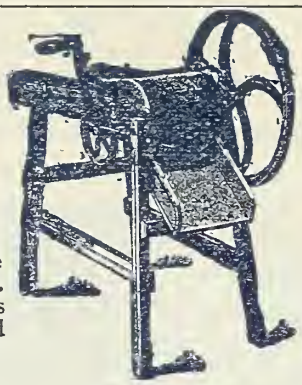
No.	No. of Knives.	Length of Knives.	Length of Cut.	Net Price.
00	4	6 inch	2 inch	$6 40
0	5	6 inch	1¾ inch	7 20
1	6	6 inch	1½ inch	8 40
2	7	6 inch	1⅜ inch	9 60
3	8	6 inch	1¼ inch	10 40
4	9	6 inch	1⅛ inch	10 80
4½	10	6 inch	1 inch	11 20
5	6	7 inch	1¾ inch	12 80
6	8	7 inch	1½ inch	13 60

LEVER CUTTER.

This Iron Handle Lever Cutter is so simple and easy to work as to commend it to everybody who has but a moderate amount of stock to feed. The knife is easy to adjust, grind and keep in repair. Changeable length of cut.

No. 2, with Curved Knife, $4 25 net.

PONY CUTTER FOR HAND POWER.



IS STRONG AND LIGHT RUNNING.

Price, $1 2 50 net

Has 1 Knife 11¼ in. long. Cuts in lengths of ½, 1, 1½ and 2 inches.

A man can cut a bushel of hay in 35 seconds.

Root Cutter and Pulper.

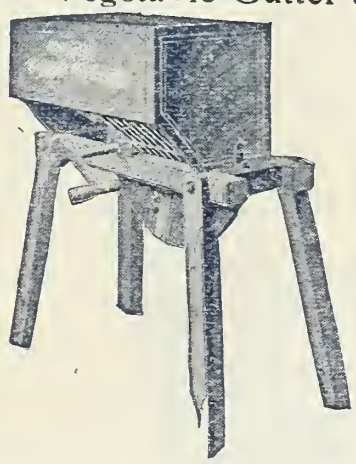
The knives cut the roots into slices, of uniform thickness and the bits pulp them so that poultry and young animals eat them freely without danger of choking.

The knives are adjustable to the cutting plate, which is to gauge the thickness of the slices and to counteract wear in the knives.

CAPACITY.—Capacity per hour, slicing or pulping, nand, 30 bushels; power, 125 bushels.

No. 2 Root Cutter and Pulper, 6 knives, for hand $18 00
No. 2 Root Cutter and Pulper, 6 knives, for hand or power 20 00

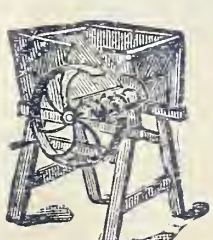
Vegetable Cutter and Slicer.



Has three cutting knives on the fly wheel, follow closely after small projecting, slicing or slitting knives, which cut at right angles to the edge of the cutting knives, thus reducing the material to a very nice condition for feeding. The hopper bottom is of slanting cast grating, which allows dirt, gravel or foreign matter to fall through and thus be kept separate from the cut feed.

Net price for Hand Cutter.....$14.00
" " " Hand and Power Cutter 15.50

REEVES' ROOT CUTTER.



It is strong and durable, very simple in its construction, and very rapid. The hooked teeth, in revolving, pass between stationary knives and catch hold and tear the roots, etc., into small pieces.

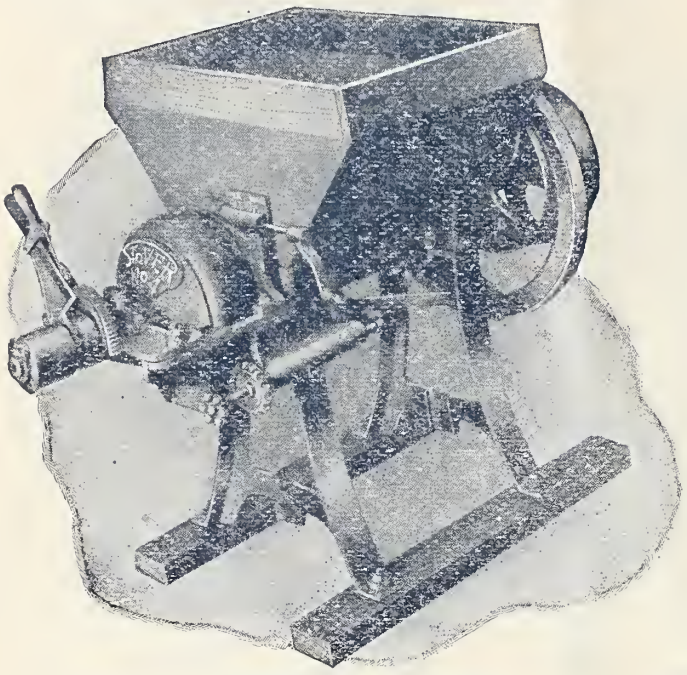
Net.
No. 1, for Hand... $7 75
" 2, for Power...15 00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

STOVER FEED GRINDING MILLS.

For Grinding Dry Ear Corn, Shelled Corn, and All of the Small Grains.

These Mills are the most rapid and the most easily operated Feed Grinding Mills of their style upon the market.



They are equipped with safety lever, which enables the user to set grinding burrs so in case hopper runs empty, the burrs will not drag together and do each other injury. They are fitted with safety spring, and should a nut or a small piece of iron enter the burrs this spring gives it an opportunity to pass through without breaking the Mill.

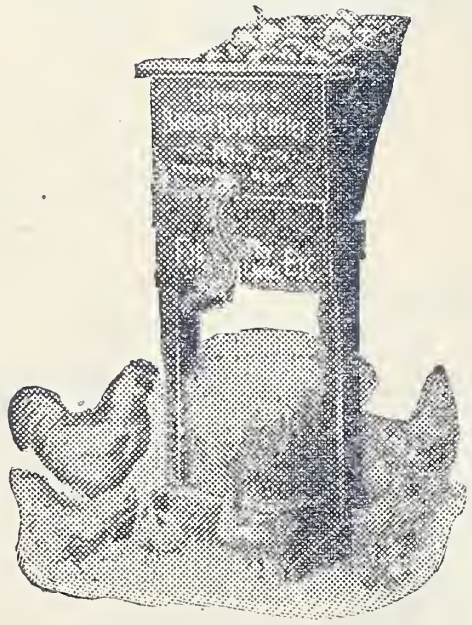
By turning the hand wheel at end of spring case the desired grade of feed (fine or coarse) is obtained. They have two sets of ball bearings, one at each end of shaft, which greatly reduces draft and does away with heating.

The No. 4 has Single Hopper; Nos. 40 and 45 Compartment Hoppers.

No.	Pulley.	Burrs.	Speed.	H. P.	Net price.
4	12 x 16	8 Inches	400 to 800	2 to 8	$35.00
40	10 x 8	8 "	400 " 800	4 " 12	45.00
45	10 x 8	10 "	400 " 800	10 " 25	66.00
35B	10 x 1	4 "	200 " 250	hand or ½ to 2 H. P.	12.00
Sacker extra.....					17.50

Capacity, 3 to 6 bu. per hour per horse power, depending upon grinding condition of grain and fineness of feed. Capacity of No. 35B, 2 to 4 bu. per hour.

No. 7
POULTRY ROOT CUTTER

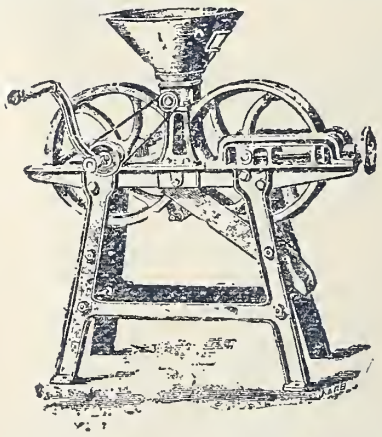


It cuts fast and is easy running. Leaves the feed in fine ribbon-like strips that make choking impossible. Fowls large or small can safely eat the feed.

Net price.....$5.00

English Oat Crushers.

For Rolling Oats for Stable Use.



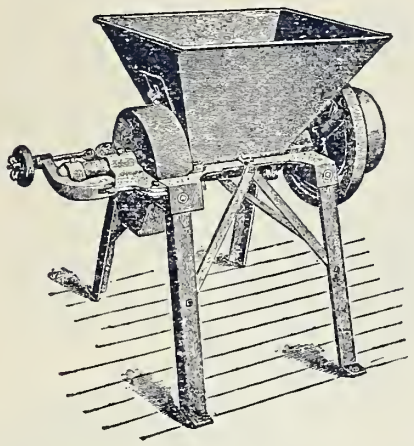
No. 1 Rollers, 15 x 3½ inches. Will crush 2 to 4 Bushels by Hand or 10 to 12 Bushels by Power, per hour. Net, $80 00.

No. 2 Rolls 18 x 4 inches. 2 to 4 Bushels by Hand. 12 to 15 by Power. Net, $100 00.

No. 3 Rollers, 20 x 4 inches. 2 to 4 Bushels by Hand. 15 to 18 by Power. Net, $110 00.

No. 4 Rollers, 26½ x 4 inches. 20 to 24 Bushels by Power. Net, $125 00. To be run 150 to 170 Revolutions.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.



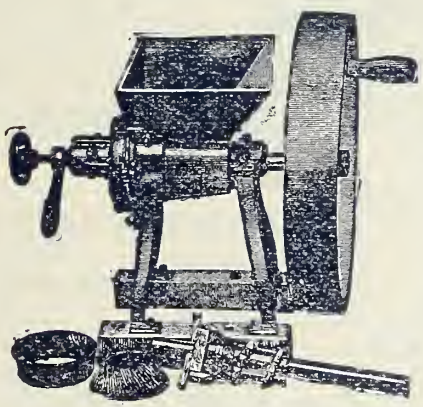
THE REEVES MILLS FOR GENERAL GRINDING.

Will grind ear corn and all small grain into a splendid evenly mixed food, are made of all iron and has improved ball-bearing socket at end of shaft; has wood safety pins, which insure the mill against damage in case any heavy, hard substance should get into the plates. The tension on the plates can be adjusted to grind fine or coarse while mill is in motion.

We fully guarantee these machines and request you to give them a trial.

Number	Horse Power Required	Capacity in Bushels Ear Corn per Hour	Capacity in Bushels Shelled Corn per Hour	Net Price
10	2 to 6	12 to 18	14 to 25	$33.00
30	12 to 15	40 to 60	80 to 100	60.00

Sacker extra $15.00



No. 5 Mill.

No. 5 GRINDING MILL.

FOR HAND AND POWER.

With Double Reduction Grinding Cones.

No. 5 cut shows hand and power mill with a spindle containing sawcob-crusher and the two grinding rings by its side.

No. 5 cut shows hand and power mill. Price, $18.00 net.

Pulley, 20 x 3. Speed, 50 to 400. 1 to 2 horse power.

1 to 10 bushels per hour. Weight, 100 pounds.

This hand mill has our Saw Crusher, double reduction dress on face of Grinding Cones, ball box bearing end of Spindle. It has a pulley fly-wheel with handle.

If it feeds too fast for power employed reduce the speed of mill until it will drive at proper speed. It is well adapted for light wind powers.

Will grind corn and cobs one ear at a time to fine feed meal, also all shelled grain, bones (after they have been boiled twenty-four hours—not green bones), oyster shells, crackers, dried bread, spices, coffee, etc.

MODEL GRINDING MILL

An Improved Hand Power Grinding Mill of new and elegant design.

They are intended to grind all kinds of grain, dry bone, shells, roots, bark, salt, etc.

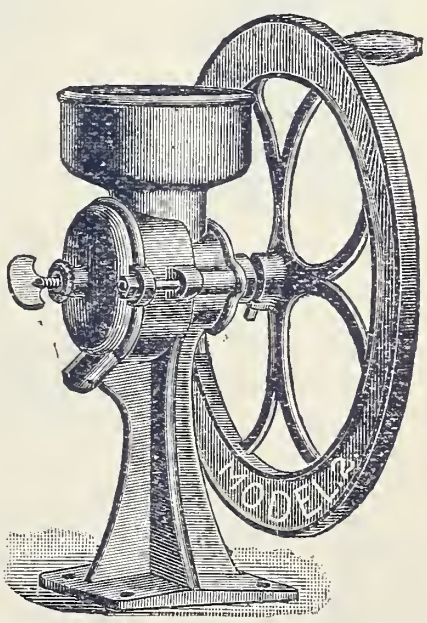
They are the best all round Family Mill, producing cracked wheat, graham flour and corn meal for the family at the slightest cost, producing cracked or ground corn or other grain of any fineness necessary for feeding to the young chicks and the coarse for the grown fowls; all so easily controlled and adjusted, leaving nothing to be desired.

They are easily adjusted to grind fine or coarse without the use of wrench or other tools. The Burrs are made of Steel-Alloy Metal, the most durable grinding surfaces made.

Their capacity is about as follows, depending on the condition of the grain or fineness of the meal:

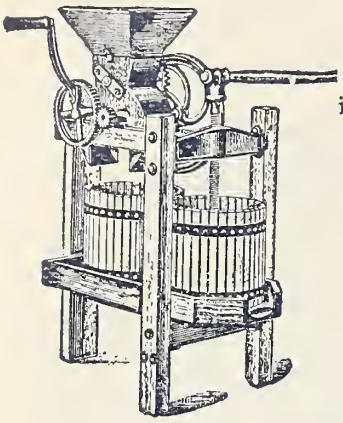
No. 1½, ½ to 1 bushel per hour.....Net, $3.00
No. 2, ¾ to 2½ bushels per hour..... " 5.50
No. 3, 1 to 3 bushels per hour..... " 7.50
No. 4, with Fast and Loose Pulley for *Power* only... " 13.50

Requires 1 to 2 horse power. Speed, 400 to 800 revolutions. Capacity, 5 to 8 bushels per hour.



The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for each cash order.

CIDER AND WINE MILL.



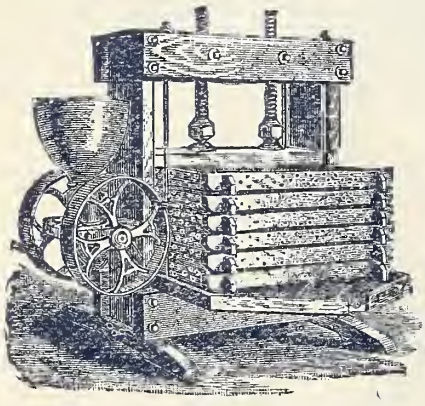
This mill has been thoroughly tested, and gives perfect satisfaction. The apple is so completely crushed that no juice cell is left unbroken. They are made in three different styles. Each machine has two Curbs.

	Net
No. 1 Small Size,	$18.00
" 2 Medium "	20 00
" 3 Large "	27 00

Mills made with *Aluminum* Shredder Rolls and Hopper parts, gives an absolutely sanitary *mill*.

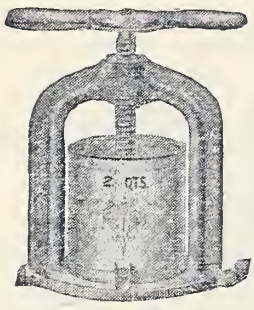
No. 1 Small Size	Net $20.00
No. 2 Medium Size	Net 25.00
No. 3 Large Size	Net 33.00

Farmers' Favorite Cider Mills & Presses.



Farmers' Favorite Cider Mills & Presses will grind from ten to seventy-five bushels per hour. These mills are all on an entirely new plan, and have a greater grinding capacity and are easier running than any other mill now in use.

No. 2½ 2-Barrel Press, and Mill	net,	$38 00
No. 2½ Press only	"	25 00
Senior 4-Barrel Press, and Mill	"	78 00
Senior Press only	"	40 50
8-Barrel Press only	"	90 00



Tincture or Jelly Press.

		Net.
1 qt.	capacity,	$3.00
2 "	"	4.00
4 "	"	6.85
8 "	"	9.00

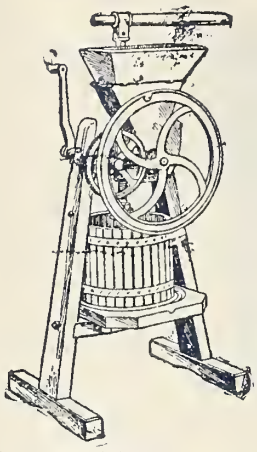
Bull Punch. 75 Cents.

BEATLE.

HICKORY HEAD.

12 inches long, 7 inch face. Price, $3.25

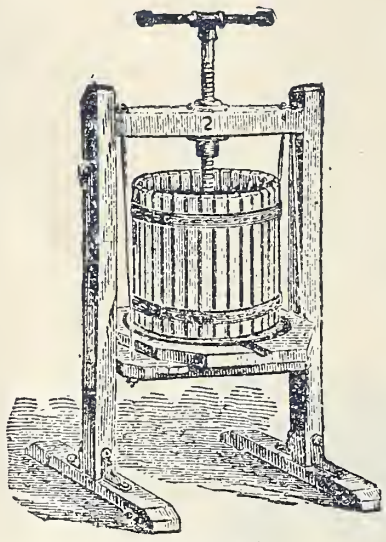
Reeves' Combination Mill and Press.



This is a *self-feea* single tub Cider Mill, and being self feed it is not necessary to poke the apples in with a stick, but to simply fill the hopper.

It turns easy, and has a capacity of three to four barrels of cider per day. The tub is 12 ins. by 12 ins.

Price, net, $12 00



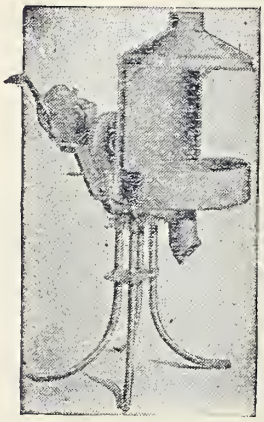
Wine and Cider Presses.

These presses are well made, have iron tension rods to take the strain off screw, and all are strong and durable.

No.	*Diameter of Tub.*	*Depth of Tub.*	*Net Price.*
1.	10 in.	10 in.	$4 25
2.	12 in.	12 in.	5 25
3.	15 in.	15 in.	8 00
4.	17½ in.	15 in.	18 00
5.	28 in.	18 in.	22 00

No. 5 with Hinged Tub, $25.00

Steel Toolmakers' Forge.

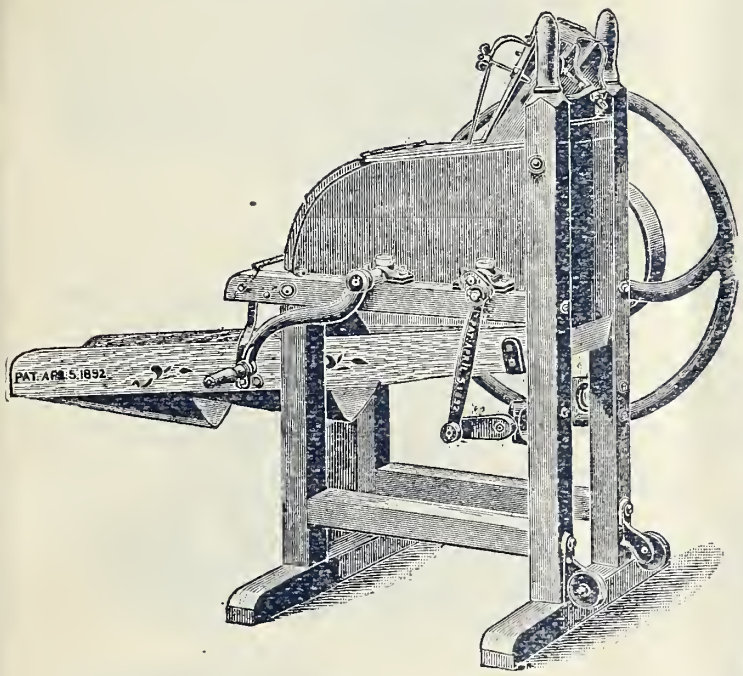


This Forge is constructed from structural steel, is strong and durable. Has high-speed spiral gearing and runs without noise. Has adjustable Ball Bearings. Will produce blasts to weld 3½ to 4 inch iron in ten minutes. The crank turns either way to produce blast. Size of hearth 18 inches diameter.

With Half Hood	Net	$28 00
Without Hood	"	25 00
Standard Agricultural Forge, with 8 inch fan, 18 inch fire pan without hood	"	9 00
With Half Hood	"	10 00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

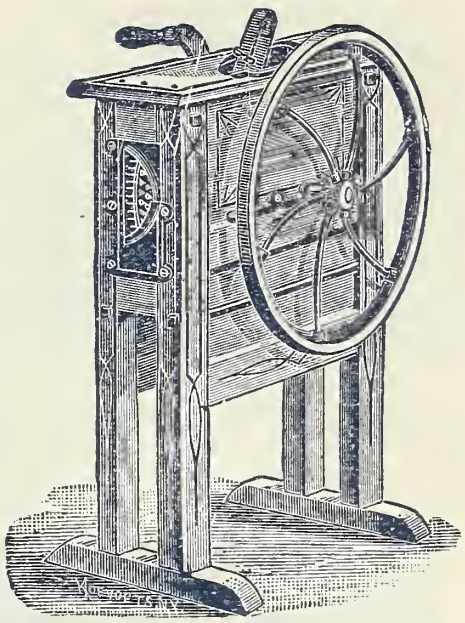
The Round Back Hero Corn Sheller and Shaker



Built with two holes for hand or power. Capacity, when used by hand, 25 bushels per hour. When used with power 60 bushels per hour. Price, $20.00.

Champion One Hole Hand Corn Sheller and Shaker. Price, $11.00.

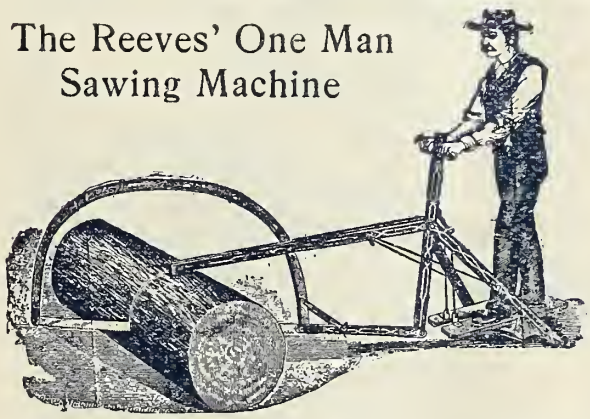
A. B. C. Corn Sheller



This Single Hopper Sheller separates the Corn from the Cob and is made with and without fan, of hard wood, and finished in the best manner and without exception one of the finest in the market.

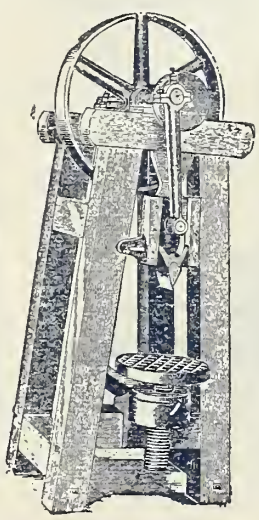
Price, Single Hopper without fan.....Net, $8.00
" Boss Corn Sheller does not separate Corn from Cobs 6.50

The Reeves' One Man Sawing Machine



The Saw is 5 feet long by 3 inches wide. Net price, $14.00.

Kindling Wood Splitting Machines

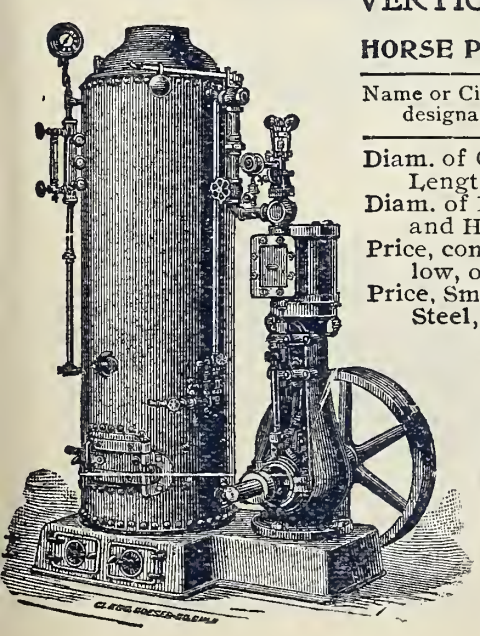


With this Machine Hard, Knotty Maple, Oak, or Pine can be readily and easily split, making the finest Kindling or Coarse Stove Wood, at the will of the operator, and can be adjusted to split any length from 8 to 18 inches.

A Single Machine will split from 4 to 5 cords per day. Double Machines will give twice the capacity. Either one can be easily run with about one horse power.

Net.
Price, Single Machine, $75.00
" Double " 115.00

VERTICAL ENGINES AND BOILERS COMBINED ON ONE BASE.



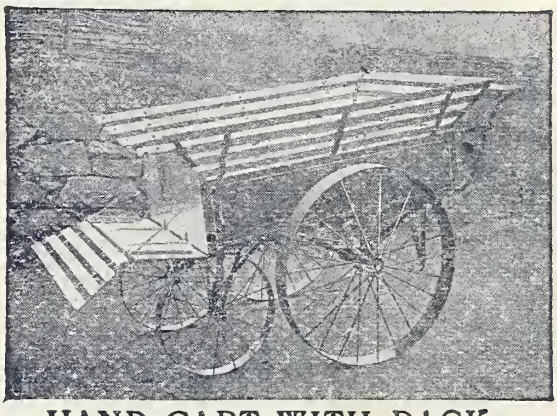
HORSE POWER.....	2	3	4	5	7	10	15	20	25
Name or Cipher by which to designate.....	Crete	Cyprus	Corsica	Ceylon	Formosa	Jamaica	Luzon	Sumatra.	Zanzibar.
Diam. of Cylinder and Length of Stoke.....in....	3 x 4	3½ x 5	4 x 5	5 x 5	6 x 6	7 x 7	8 x 8	9 x 9	10 x 10
Diam. of Boiler in inches and Height in feet.....	24 x 4	24 x 4	24 x 5	24 x 6	30 x 6	30 x 7	36 x 7	42x7½	42x8½
Price, complete, as per below, on cars N. Y. City...	$218	$231	$256	$285	$335	$388	$467	$591	$673
Price, Smoke Stack, No. 16 Steel, per foot.....	$0 70	$0 70	$0 70	$0 70	$0 70	$0 70	$0 80	$0 90	$0 90

The price includes Combination Base Grates, Hood, Steam Gauge, Water Gauge, Gauge Cocks, Safety Valve, Blow-off Check and Stop Valves, Governor and Pulley, also Injector and Pipe Connections, but no Smoke Stack or Governor Belt.

ONE HORSE PATENT SPRINKLER

with valves adjustable for sprinkling lawns, grounds, flower beds, shade trees, etc. Can be easily adjusted to apply the stream direct on one or two rows at a time, is also a good sprinkler for **SPREADING LIQUID MANURE.** Capacity 150 gallons, wheels 4 ft. 6 ins. in diameter with 4 inch tires.....Net, $105.00

Prices on Two HORSE Sprinklers on application.



HAND CART WITH RACK.

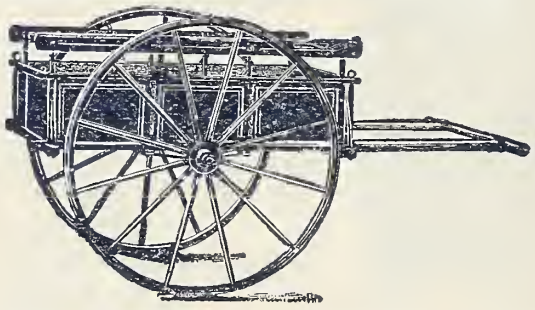
Capacity, 500 pounds.

Box, 27 x 42 x 10½ inches. Rack, 38 x 51 x 8 inches

Side Wheel, 30 inches with 3 inch Rims.

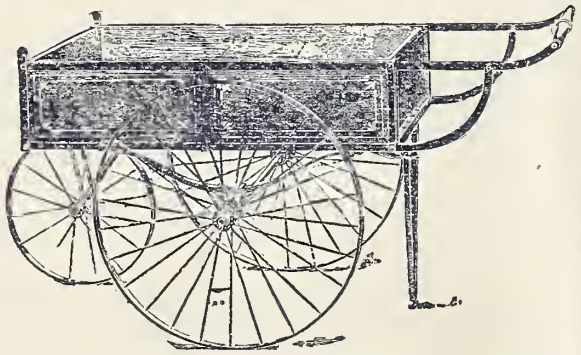
Net Price..... $26.00

Reeves' Special Heavy Hand-Cart.



Body 45 inches long, 32 inches wide, 12 inches deep. Wood wheels, 42 inches in diameter, 1½ inch face. Axle, 1¾ inches. Weight, each, 203 lbs. Price, each, $28.00 net.

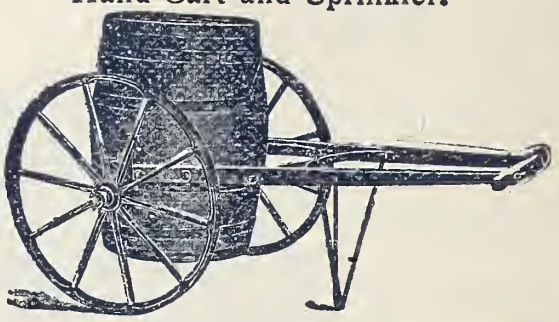
Reeves' Three-Wheel Hand Carts, WITH SPRINGS.



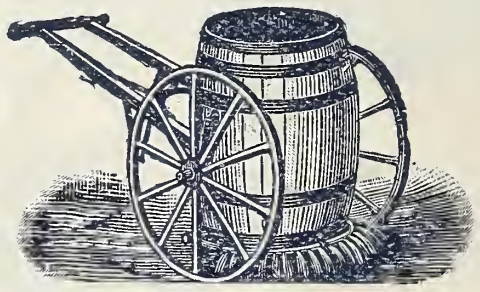
	Box.	*Wheels.*	*Price, net.*
No. 3.	39 x 20½ x 10 inches.	30 inches,	$14 00
No. 4.	39 x 24 x 10 "	30 "	14.50

Tool End Board, extra..... .75

Reeves' Combination Barrel Truck, Hand-Cart and Sprinkler.



It is mounted on low wheels from which the barrel can be instantly detached.



USED WITH SPRINKLER.

USED AS A HAND CART.

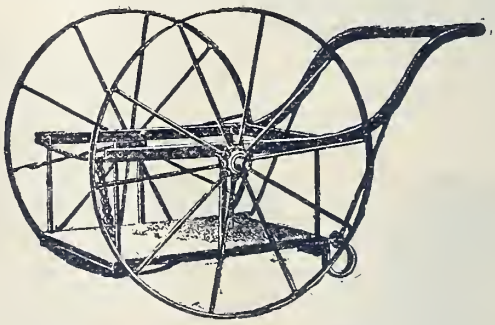
USED WITH LEAF RACK.

Water Barrel on Trucks, With 1½ inch tire wheels.....	Net price,	$10.50
" 2½ " " "	" "	11.50
" 3½ " " "	"	12.50
Box to make hand-cart, extra.....	"	3.00
Leaf-cart attachment, extra.....	" "	5.00
Sprinkling attachment.....	" "	3.25
Extra barrels with trunnions.....	" "	3.00

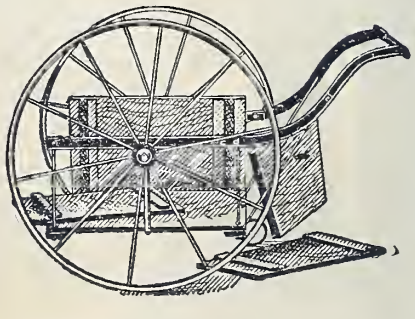
HAND-CART.

Can be used in a number of ways. Is made wholly of steel except the platform. Has 36 inch diameter wheels with 3 inch face, and will easily sustain a load of 500 pounds.

Size of platform, 26 x 30 inches

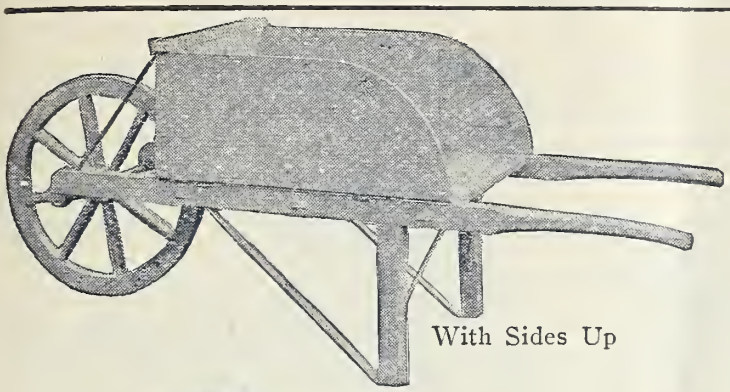


Without Boxboards .....net $10.00

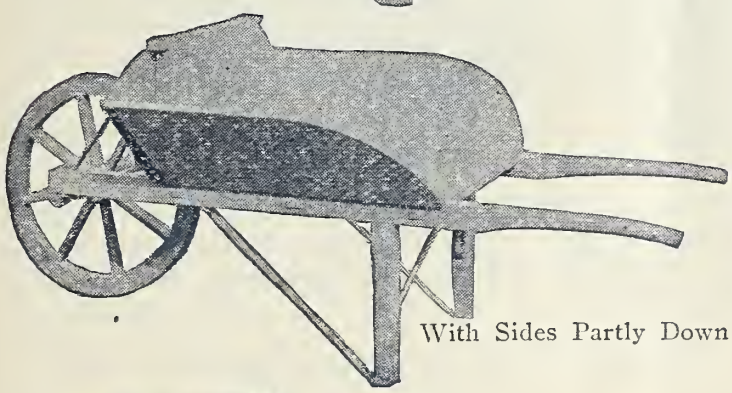


With Boxboards..... ...net $13.00

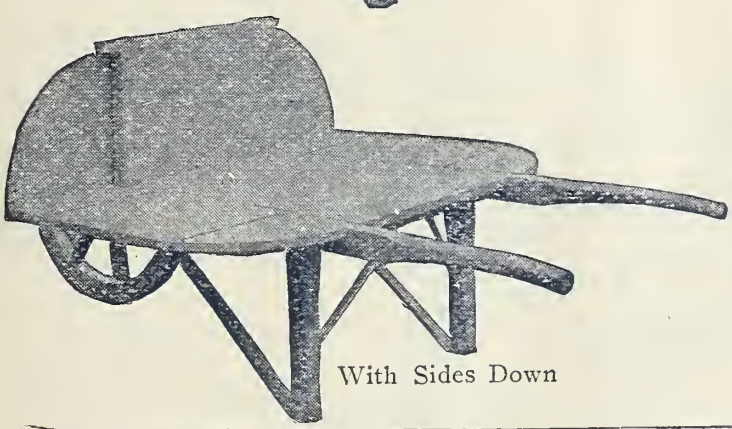
The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.



With Sides Up



With Sides Partly Down



With Sides Down

NEW WAY GARDEN BARROW WITH ADJUSTABLE SIDES

It requires only a moment to change the sides to any desired height. (No tools required.)

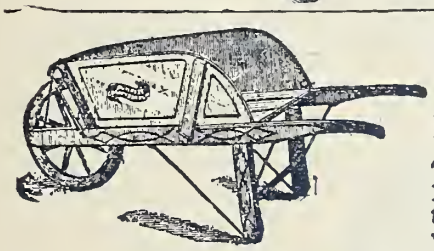
Every Gardener wants one because he can carry four times the load of the usual barrow and make fewer trips.

Every Farmer wants one, for it is the handiest thing about the place, strong as a barrow can be made, heavily ironed and useful for all crops.

Every Grounds Keeper wants one, for it is just right for leaves, grass, and rakings. Well finished and good looking.

The sides detach as easily as those of the ordinary barrow, but unlike the usual barrow do *not fall out* when the barrow is upset.

This barrow is framed of the best grade of seasoned hardwood carefully put together, then primed, painted and varnished, high carbon steel axle. Box (when sides are up) is 26½ inches long, 19¼ inches wide at front, 22¼ inches wide at rear, 11¼ inches deep, and has a 20½ inch wheel. Net $5.75



REEVES' GARDEN BARROWS

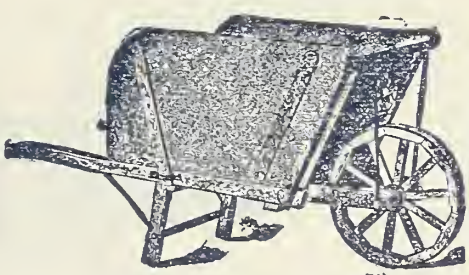
They are built heavy enough to give good service for years.

INSIDE MEASUREMENTS OF BOX.

No.	Length Ins.	Width at Wheel End. Ins.	Width at Handle End. Ins.	Depth. Ins.	Wheel. Ins.	Net Price.
2.	28	17¾	21¼	10	19½	$4.25
3.	30	21¼	24½	11	19½	4.50
4.	30	21¼	24¾	14	19½	5 00

No. 20. A light barrow, with steel wheel, legs and braces, with front 12x19 inches, sides 12x28 inches and bottom 21x27 inches.....net, $3.50

Stable Barrow.



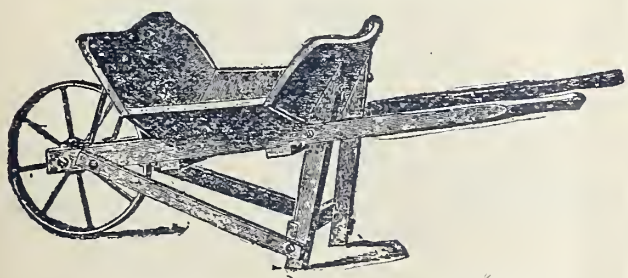
This barrow is made with the box extra large; well suited for use by stock men, in livery stables, mills, etc.

INSIDE MEASUREMENTS OF BOX.

At wheel end, 21¾ inches; at handle end, 23¾ inches; length, 29½ inches; height, 20 inches.

With wood wheel, $5 50

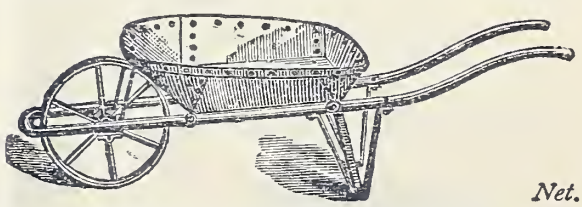
Full Bolted Canal Barrow.



With 16-inch steel wheel, net, $1.90.

No. 41. With Steel Tray, 3 cubic feet capacity...$3.75
" 42. " " " 5 " " " 4.75

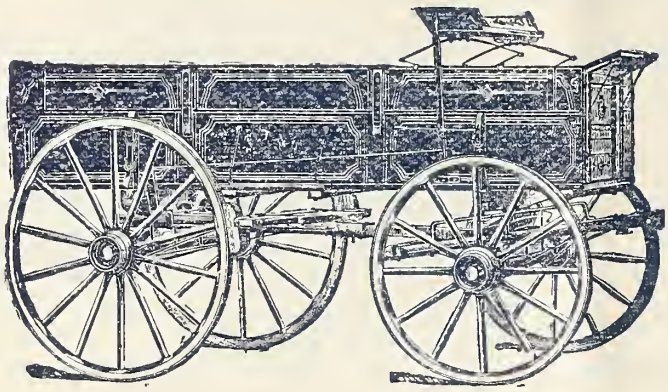
All Iron Tubular Canal and Coal Barrows.



					Net.
No. 4.	Canal Barrow		Capacity	3 cubic feet	$7 00
" 5.	"	"	"	4 " "	8 75
" 6.	"	"	"	5 " "	9 75
Size A,	Coal	"	"	325 lbs. of coal,	15 00
" B,	"	"	"	400 " "	17 00
" C,	"	" heavy	"	260 " "	15 00
" D,	"	" light	"	300 " "	11 00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

LIGHT RUNNING VIRGINIAN TWO HORSE WAGON.



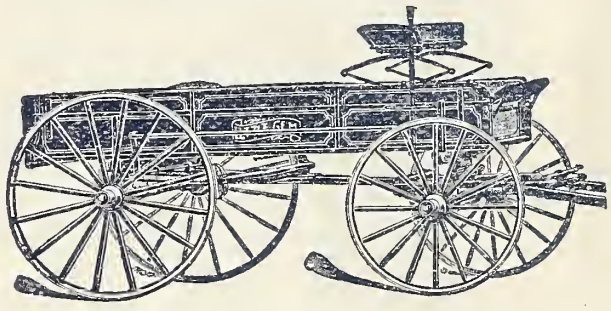
Made of strictly high grade material, neatly painted, built in the following specifications only:

With 1⅝ inch Solid Steel Axles, with Wheels 3 feet and 3 feet 6 inches in diameter, with tires 3 by ⅜ inches. Fitted with Coach Pole. Wide track, 5 feet. Bolsters 3 feet 6 inches. Box 11 feet long, 18 inches deep. Capacity, 3500 lbs.

With Box, Spring Seat, Whiffletrees, Neck Yoke, Net.....$82 00

Gear only, Net..... 59 00

Brake Extra, $7.00 net. If wagon is wanted with 4 inch Tires add $7.00. We can also furnish this Wagon in narrow track, 4 feet 6 inches wide, with Bolsters 3 feet 2 inches and *Drop Tongue only* at same price as above.



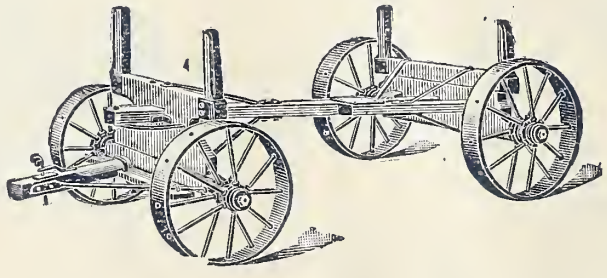
LITTLE GEM WAGON.

HAS TOE BOARD, ADJUSTABLE REACH AND DROP END GATE.

Built with Tubular and Solid Steel Axles. Size of Axle, 1⅝x7 Tubular or 1¼x7 Steel, Tire 1¼x$\frac{5}{16}$, Body 9 ft. long, 9 in. deep and 4 in. Top Box, Capacity 1000 to 1200 on good roads.

Complete, no Brake..... net. 40.00 **Gear only**.....35.00 **Brake**.....net $4 50

No. 163. FARM TRUCK OR HANDY WAGON



3¼ x 10 in. Studebaker Skein. 4,000 lb. capacity. Skeins have full length bearing; nothing but hard wood used. Two coats of good paint and varnish. Stakes 12 in. high, set in pockets. Best steel wheels with solid cast hub. No better truck anywhere at the price.

No. 163. 28 and 30 in. Wheels, 4 x ⅜ in. Tires.....$34 00
No. 164. 30 and 32 in. Wheels, 4 x ⅜ in. Tires..... 35 00
No. 165. 32 and 34 in. Wheels, 4 x ⅜ in. Tires..... 37 00

CONTRACTORS' TOOL CART.

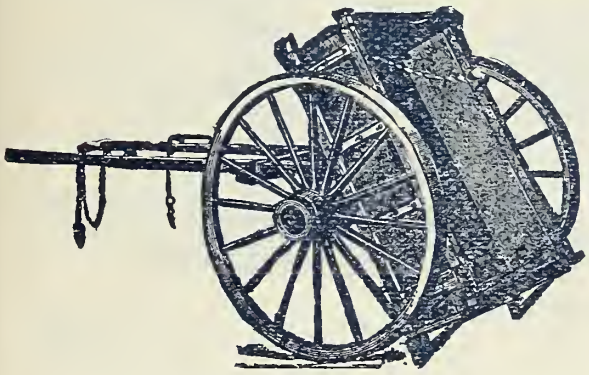
The cart shown in the cut being 85 x 35 inches. In order to meet special requirements they can be made up to any size needed.

Length (over all) 10 ft. 5 in. Length of Box or Body (outside) 82½ in.
Width " ... 58½ " Width " " " 34½ "
Weight.....675 pounds. Price.....$65.00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

ONE HORSE DUMP CARTS.

Our Carts are well made and neatly painted, and sold under the following guarantee: We will replace any broken axle, no matter what the load weighs, or what the circumstances under which it broke may be, *free* of charge at factory.



Light One Horse Dump Cart with wheels 4 feet diameter, 3 inch face, 1½ inch axle. Box, inside measurement, 4 feet 11 inches long; width at top, 29 inches; width at bottom, 31 inches; depth, 13¾ inches; weight about 500 lbs.....Net price, $43 00

Heavy One Horse Dump Cart with wheels 4½ feet diameter, 3 inch face, 1½ axle. Box, inside measurement, 5 feet 4 inches long; width at top, 3 feet 2 inches; width at bottom, 3 feet 4 inches; depth, without extra sides, 11½ inches; with extra sides, 1 foot 6 inches ..... Net price, $50 00

Wider Tires at Additional Cost.

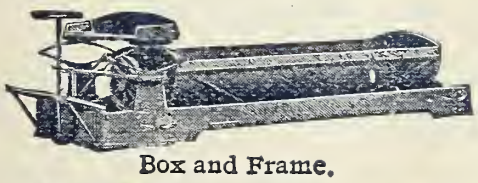
CART HARNESS

FOR ONE HORSE DUMP CARTS

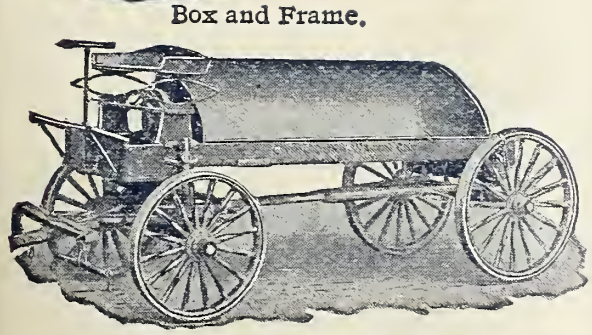
No. 1. Harness Complete with Collar, Hames, Bridle Reins, Saddle with Back Chains, Girth and Breeching.....Net, $25 50

No. 2. Harness Complete, of good quality, but not equal to No. 1.....Net, 23 50

If collar is not wanted deduct $2.50.



Box and Frame.



Tilted to Loading Position.

STEEL DUMP BOX.

WILL FIT ON ANY RUNNING GEAR.

Easily operated from seat, has no doors nor chains.

The Box and Frame are of steel.

The load is dumped by a hand wheel.

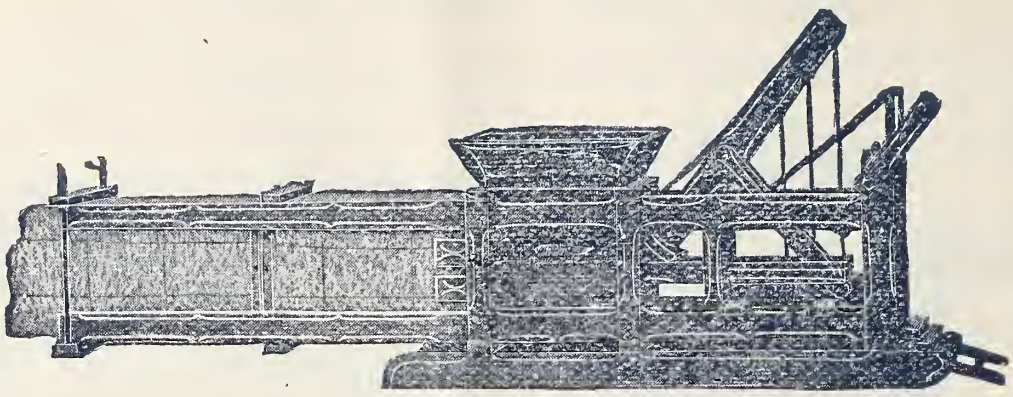
Capacity 1¼ cubic yards without wings.
" 1½ " " " "

Net price of Box and Frame, without gear and wings.....$70.00

Net price of Box and Frame, without gear, with wings.....$75.00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

THE TRIUMPH HAY PRESS.



The Triumph Press is designed for the individual farmer, or for one or two farmers together, and not as a "business" press. It can be operated in limited space—on the barn floor often.

The Triumph can be used by two men, with either one or two horses; a straight pull of nine feet compresses a charge, and springs return the plunger to its original position, bringing back the whiffletree, keeping the traces tight and guiding the team in backing.

NET PRICES

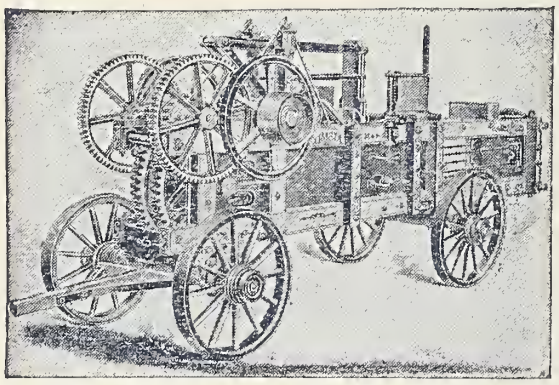
14x18 Chamber, $100.00; weight, 650 lbs. 17x21 Chamber $110; weight, 750 lbs.

The daily capacity of the Triumph ranges from four to eight tons of hay a day of ten hours. The amount will depend, of course, on the workmen and other conditions. The press is capable of putting up even more than this, but we would prefer to make conservative estimates rather than those that might seem to be overdrawn.

The Triumph is made in two sizes.

The small size chamber will make bales weighing from sixty to one hundred pounds; the large size will make them as heavy as 125 pounds.

Belt Power Press



Holds the World's Record for FAST BALING AND LOW REPAIR BILLS. Requires from eight to ten horse power. Size 17 by 22 has baled 50 tons of hay in 10 hrs. Size 14 x 18 has baled 38 tons in one day. The 17 by 22 will make a bale of hay weighing from 80 to 175 pounds, and 14 x 18 a bale from 75 to 140 pounds, according to the amount of tension on bale chamber and quality of hay.

14 x 18.....Net $400.00
17 x 22..... " 420.00

Horse-Power Baling Press.

For general baling purposes. They are strongly made and will bale one ton of hay per hour, in bales of 150 to 200 pounds each. Complete with Patent Capstan and Steel Rope.

Size No. 2 has box 7 feet deep Bale, 45 x 24 in., . $270.00
Size No. 1 has box 2 feet deep Bale, 45 x 32 in., . 315.00
Belt Power Attachment in place of Capstan . 67.00

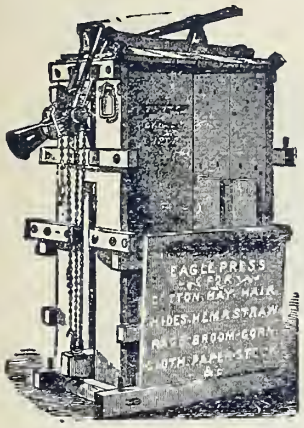
STEEL WIRE HOOK BALING TIES.

HOOK TIE.

To get the length of Tie required, add three inches to the measure around the bale when under pressure. We can furnish any length of Ties desired.

Length in Feet.	No. 15 Wire. 250 Ties in a Bundle.	No. 14 Wire. 250 Ties in a Bundle.
8	Net, $2 40	Net, $2 90
8¼	" 2 50	" 2 95
8½	" 2 57	" 3 00
8¾	" 2 63	" 3 08
9	" 2 70	" 3 15
10	" 2 85	" 3 25

The prices on all machines and tools in this catalogue are net. 5 per cent. will be allowed for cash with order.



Eagle Double-Lever Hand Cotton and Hay Press.

FOR COTTON.

No. 1, 5 ft. depth of box, makes a bale 36 to 50 in. long by 18 to 24 in. wide, as wanted. Will hold 300 lbs.....$170.00

No. 2, 6 ft. depth of box, makes a bale 60x24 ins. Will hold 400 lbs., $225.00

No. 3, 7 ft. depth of box, makes a bale 60x27 ins. Will hold 500 lbs., $250.00

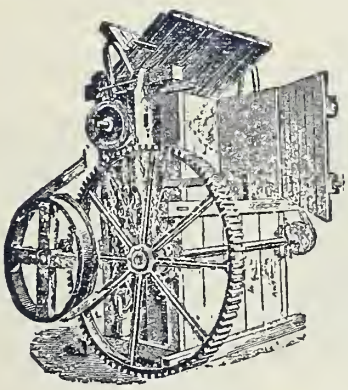
FOR HAY AND STRAW.

No. 1, 5 ft. depth of box, makes a bale 46x25 ins., 175 to 200 lbs.....$100.00

No. 2, 6 ft. depth of box, makes a bale 50x27 ins., 275 to 300 lbs.....$150.00

We also furnish presses of larger capacity than named above, and build presses to make any desired size bale.

Eagle Steam Power Baling Press.

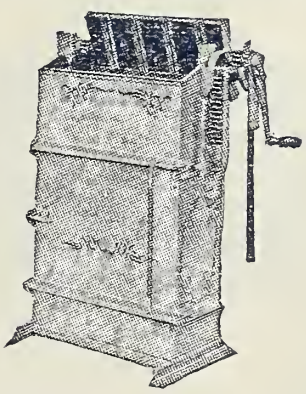


For Baling Cotton, Hemp, Paper, Rags, Waste, etc.

No. 1, 6 ft. depth of box, makes a bale 48x25 ins., 500 to 700 lbs.....$300.00

No. 2, 7 ft. depth of box, makes a bale 54x27 ins., 700 to 1000 lbs....

All Steel Waste Paper Press.

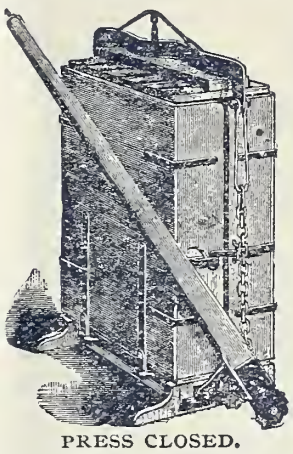


No merchant can afford to be without a Waste Paper Press. Perhaps the greatest advantage that is gained by the use of the All-Steel Paper Press is the elimination of fire risk, as insurance companies everywhere endorse the bailing of waste paper. There is always a market for waste paper, and we can put the purchasers of our press in touch with paper mills and waste paper purchasers who will gladly pay from $6.00 to $10.00 per ton for the waste. This certainly is worth saving and will pay for the cost of a machine in a short time.

No. 1. Height, 4 feet, 8 inches; width, 2 feet, 10 inches; length, 3 feet. Weight of bale 100 to 150 lbs. Price, $50.00.

No. 2. Same dimensions as No. 1 except Box is 3 feet 6 inches long. Weight of bale, 150 to 200 lbs. Price, $60.00.

Minnich's Pattern Baling Press.



PRESS CLOSED.

For all products requiring baling. Will turn out more bales, with less labor, in a given time, than any other press made. Entirely new in principle. Ends open out with sides, leaving bale clear all round, giving no labor to get it out. For products requiring baling, the burlaps can be extended over the ends, and whilst under pressure the ends can be tucked in, and with a few stitches in the centre the heads are finished, saving time and twine, and giving the bale a much finer appearance. Can be used in rooms with low ceiling; convenient for filling on same floor. Presses built to order for any sized bale of any product desired. Regular sizes according to products.

Box 4 feet long, 24 inches wide, 4½ feet deep.

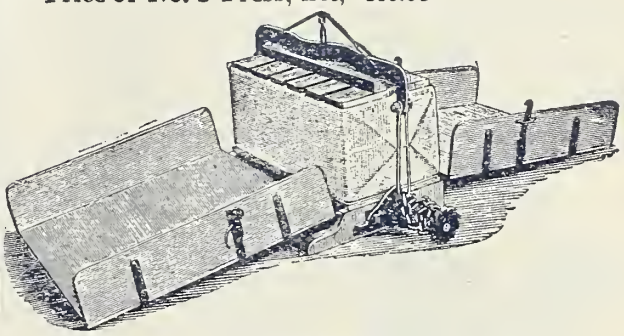
Box 4½ feet long, 27 inches wide, 4½ feet deep.

Will make bales of about the following weight: Rags, 500 lbs.; Cotton, 400 lbs.; Wool, 500 lbs.; Moss, 250 lbs.; Hair, 450 to 500 lbs.; Hay, 175 lbs.

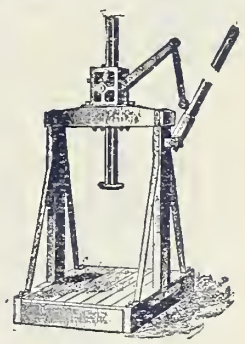
☞ We can also furnish these presses without PRESS BOX or with DOUBLE LEVERS, or a press to make a 100 pound vertical bale. Prices for special presses furnished on application

Price of No. 1 Press, net, $100.00

Price of No. 2 Press, net, 100.00



PRESS OPEN.



No. 4.

Samson Packing and Baling Press.

No. 4, like cut, with compound lever, has a pressure of forty tons. It is used for pressing tobacco, dry goods, also for pressing goods in barrels, hogsheads, etc.

Size of platform, 48 inches long x 42 inches wide; height from platform to cross bar, 54 inches.

Price, No. 4, as per cut, $65 00, net.

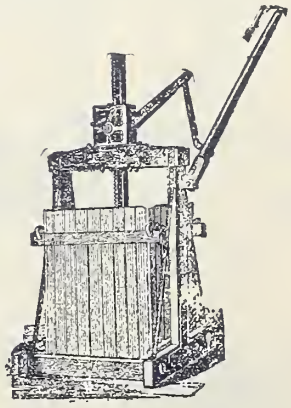
Price, No. 4, with box, $80 00, net.

No. 8 Samson Press, with single lever, has a pressure of 25 tons.

Size of platform, 48 inches long x 36 inches wide; height from platform to cross beam, 52 inches.

Price, without box, $60 00, net

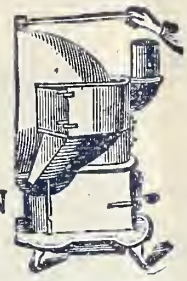
Price, with box, $73 00,



No. 4, with Box.

FOR BALING TIES SEE PAGE 30.

PROFIT FARM BOILER.



THE CALDRON DUMPS.

The Profit Farm Boiler, a simple Furnace with a Caldron which dumps. The contents can be emptied in one minute, doing away with dipping it out. It is thoroughly constructed of the best cast-iron. When Kettle is dumped, all the Flues are exposed.

DIRECTIONS FOR COOKING FOOD FOR STOCK.

Fill the Kettle before lighting fire, and put in plenty of water to prevent the feed from burning on bottom of Kettle. Always see that the Dampers are open and the ashes are clear from the Grate. Keep the bottom of the Kettle clean, and the Flues free from soot. In emptying Kettle you need not let fire go down; simply dump Kettle and have water ready to throw in at once.

For Coal. *No.*	*For Wood.* *No.*	*Capacity.* *Gallons.*	*Price,* *each.*
25	250	25	23 00
48	480	48	34 00
53	530	53	38 00
75	750	75	46 00

No Wood Fixtures for Coal Boilers.

WATER JACKET KETTLE FOR PROFIT BOILER. They are used for cooking or boiling any substance that is liable to be scorched or burned in an ordinary Kettle. Price, each, in addition to regular price of Boilers, for 25 gal. $10.00; 48 gal. $15.00; 75 gal. $20.00.

Automatic Stock Waterer.

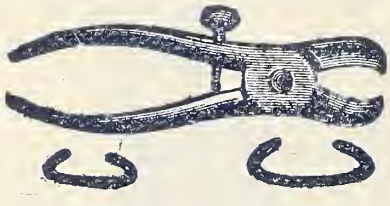
As soon as pan fills up to near the top the float shuts off the water. The float chamber is inside the tank or barrel, away from all mud or dirt. It can be attached to a ¾ inch iron pipe. Holds about 1½ gallons.

Net price, $2.00.

The Best DEHORNER.

It does not crush the horn as so many inferior machines do, but makes a clean, clear cut, and is the most humane, rapid and durable dehorner on the market. Complete with Leader and Rope.

Extra Blades and Screws, net, $13.00. Clippers only, net, $11.50.



HOG RINGER.

20 Cents.

HOG RINGS 12 cents per 100.

Rice's Patent Weaners.

For preventing Calves and Cows sucking themselves or each other.

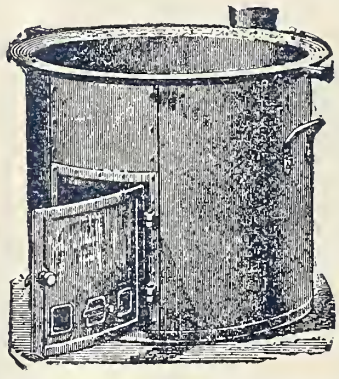
No. 1, for Calves, 1 year old, 30c.
No. 2, from 1 to 2 years old, 50c.
No. 3, for full grown animals..... 75c.

AGRICULTURAL BOILERS.

Complete with Revertible Flue and Adjustable Damper.

	For Coal.	*For Wood.*
15 gallons,	$18 00 Net	$15 00 Net
22 "	23 00 "	19 00 "
30 "	27 00 "	23 00 "
45 "	31 00 "	28 00 "
60 "	39 00 "	34 00 "
75 "	48 00 "	43 20 "
120 "	92 00 "	83 20 "

ECONOMY FEED COOKER.



We guarantee this FEED COOKER never to buckle or warp from the heat. It is designed to set on the ground or brick foundation, and is especially adapted for cooking feed, trying out lard, making soap, scalding hogs and poultry, and all work of this nature. Cast-iron flues are constructed inside of this, retaining the heat and greatly economizing fuel. Cast-iron fixtures for coal furnished if required.

All manufacturers of Farmers' Boilers have, in the past, greatly overrated their capacity. Below we give actual capacity and usual rating:

Actual Capacity.	*Net Price.*	*Actual Capacity.*	*Net Price.*
30 gallons,	$12 60	53 gallons,	$16 20
40 "	13 50	75 "	21 60

Cast Iron Fire Pot for Coal.....$4 00

REEVES' STEAM FEED COOKER AND STEAM GENERATOR.

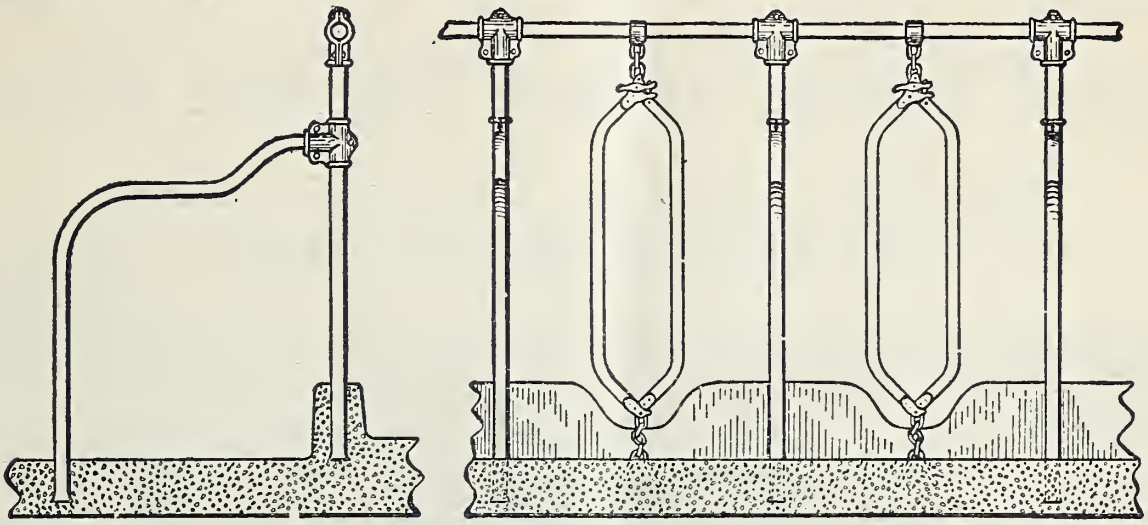
Burns coal, wood or cobs. Every farmer needs one.

This steamer is small and compact, requires but little room, cooks by steam all kinds of grain, vegetables, corn on the ear, hay, straw, and corn stalks, heats water for any purpose, cheese vats, scalding hogs, laundries, etc. Cleanses quickly and perfectly milk cans, pails, tubs and barrels, and banishes the old arch-kettle, with slow work and the waste of fuel; can be run and cared for easily, and will generate more steam with the same amount of fuel than any other in use. It is simple, strong, safe, durable, economical, cheap, and will do all that is claimed for it. It is made from boiler iron and has regular lap-welded boiler flues, making it durable, rigid and strong in all parts and will last, with ordinary care, a lifetime. They are well riveted and caulked and are capable of standing a hydraulic pressure of 150 lbs. to the square inch, and are perfectly safe carrying 100 lbs. pressure.

Size No. 2, diameter of shell, 19 in.; height of shell, 44 in.; number of 2-in. flues, 13; length of boiler over all, 58 in.; shipping weight, 370 lbs.

Price.....$40.00.

SANITARY TUBULAR STEEL STALLS AND STANCHIONS.

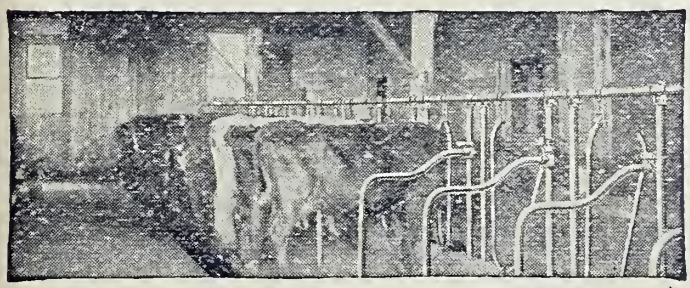


Note how neat and symmetrical and clean looking it appears with nothing to interfere with light and ventilation.

The regular section consists of one partition, one upright post, 3 to 3½ feet top of rail, as specified, two T couplings and one Tubular Stanchion with regular top and bottom fastenings. The end section consists of one partition, one post, one T coupling and one corner coupling.

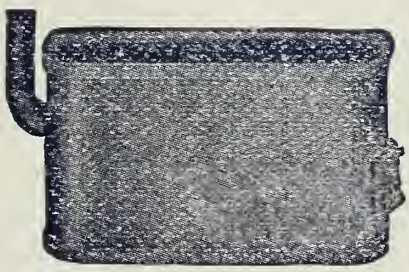
When the stall joins another section or is attached to a wall, the end section is not needed. For concrete floors, the lower ends of partition and post are made five inches longer and are flared to hold the concrete. Floor plates are furnished for wood floor.

Price of Stall and Stanchion as above described for concrete floor, net $6.75 each; for wood floor, $7.15 each. Price of Tubular Steel Stanchion only, $1.60 each.



STEEL STALLS AND STANCHIONS.

HOG SCALDER WITH STEEL FURNACE.



85 gallons, inside dimensions 58 inches long, 26 inches wide, 18 inches deep $45.00
150 gallons, inside dimensions 64 inches long, 30 inches wide, 24 inches deep $75.00

STOCK WATERING SYSTEM.

For use in barns that have running water. The dairymen will find this device most profitable, as it furnishes the cow with fresh water at any time and, therefore, increases the flow of milk from 5 to 10 per cent.

The No. 3 Basin is 12 x 14 inches across the top, 9 inches deep, weight 20 pounds, holds 3 gallons. Threaded for ¾-inch upright pipe. Price, net, $2.00.

Galvanized Iron Supply Tank, 24 inches long, 12 inches wide, 16 inches deep, with ball and valve, $5.50.

STEEL STANCHIONS.

Steel
Wood Lined Stanchion
$1.60 net

Steel Stanchion.
$1.60 net

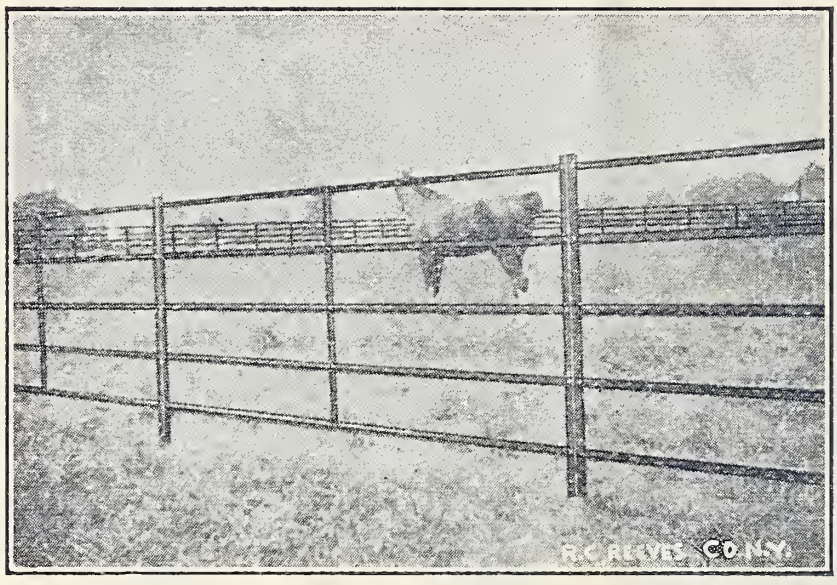
NEW MODEL WOOD STANCHIONS.

$1.60 net

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

Reeves' Portable All-Steel Adjustable Fencing

For Parks, Cemeteries, Gentlemen's Estates, City Plots and General Purposes.

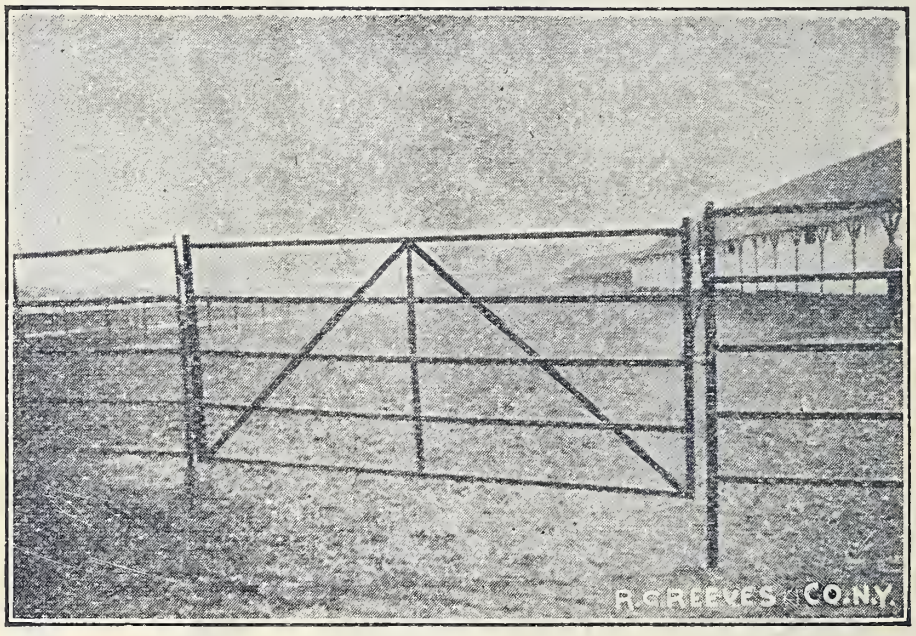


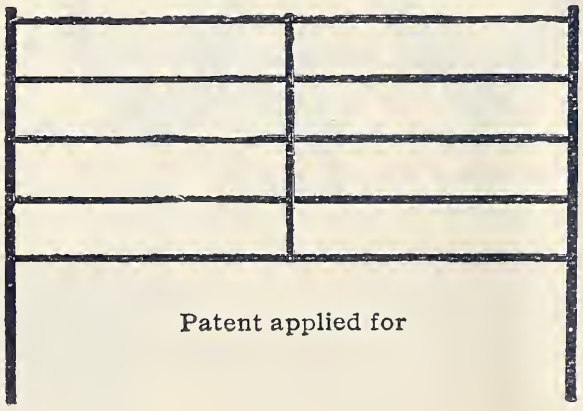
Is adjustable to Hilly or Level Ground. Lateral Bars are always parallel and Posts perpendicular; requires no digging of Post Holes; Sections are driven in the ground alongside of one another and bolted together. Each Section is 8 feet long and makes a 4-foot Fence when set.

The Posts are made of 1½ x 1½ x $\frac{3}{16}$-inch Angle Steel and the Lateral Bars are 1¼ x 1¼ x ⅛ Angle Steel. The Center Slat of 1¼ x ⅛ Flat Steel.

The space between Bars is as follows: On Six-Bar Sections, 6⅞ inches; on Five-Bar Sections, 9¼ inches; on Four-Bar Sections, 12 inches.

The Posts go in the ground 19 inches.





Patent applied for

Price on Cars New York City

6-Bar Sections, 9 feet long	.....	$2.70 each
5- " " 9 " "	.....	2.52 "
4- " " 9 " "	.....	2.25 "

GATES

6-Bar Gates, 9 feet long	.....	$6.00 each
5- " " 9 " "	.....	5 50 "
4- " " 9 " "	.....	5.00 "

Special Sizes to Order.

Send for Special Catalogue.

REEVES PORTABLE HURDLE FENCING

For Horses, Cows, Sheep, Pigs and General Use.

It is not only artistic, but serviceable and will outwear several woven wire fences, and is easily set, requiring no digging of post holes.

For inclosing and dividing lots or plots to suit any requirements on a gentleman's country seat or for farmers' use in general. No cheaper or more substantial fence can be made at the price; it is made of young chestnut timber.

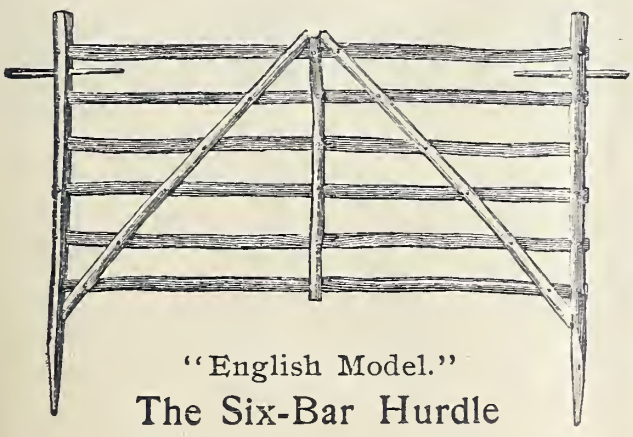
Is constructed in sections, each section, or Hurdle, being 8 feet 3 inches long, having posts 6 feet long and making a fence 4 feet high when set.

We make them in three styles, four, five and six bar, all of which are of the same length and height, the difference being in the spacing of the bars.

They are easily put up. Two men can place from two to three hundred hurdles per day. They are set by making a hole in the ground with a crow bar and driving in the end posts.

The hurdles are locked together by wooden pegs, which are furnished with them.

They are easily taken down and transferred from one plot to another, and during the winter months can be compactly stored.



"English Model."

The Six-Bar Hurdle

Net Price at Factory

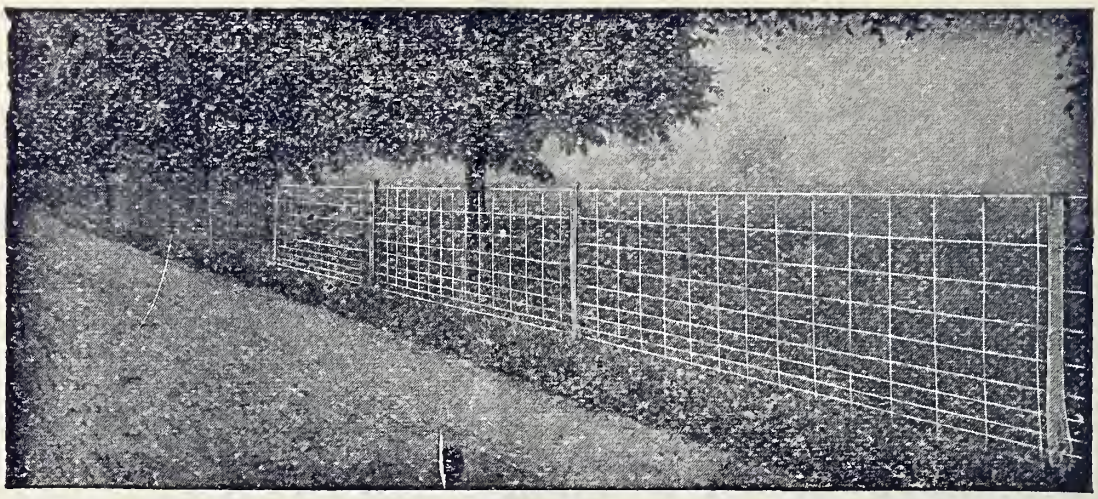
4	Bar Hurdle,	suitable for	cows.....	each	$0.85
5	" "	"	horses, ...	"	1.00
6	" "	"	pigs and sheep,	"	1.20
4	" "	Gate, 10 feet	long,.....	"	2.50
5	" "	" 10 "	"	"	3.00
6	" "	" 10 "	"	"	3.50

No further discount.

Special sizes and race-track hurdles made to order.
The 5-bar hurdle is the one mostly used.

Send for Special Circular.

ELECTRICALLY-WELDED WIRE FENCE.



It **is made from thoroughly galvanized steel wire that is specially adapted to this use**, all horizontal and vertical strands being firmly welded at their intersections, and **every joint is guaranteed to be equally as strong as the wire.** Mutual support is thus given to all wires, and any load or pressure which may be applied to the fence will be distributed over a number of its strands, thereby preventing excessive strain on any portion of it.

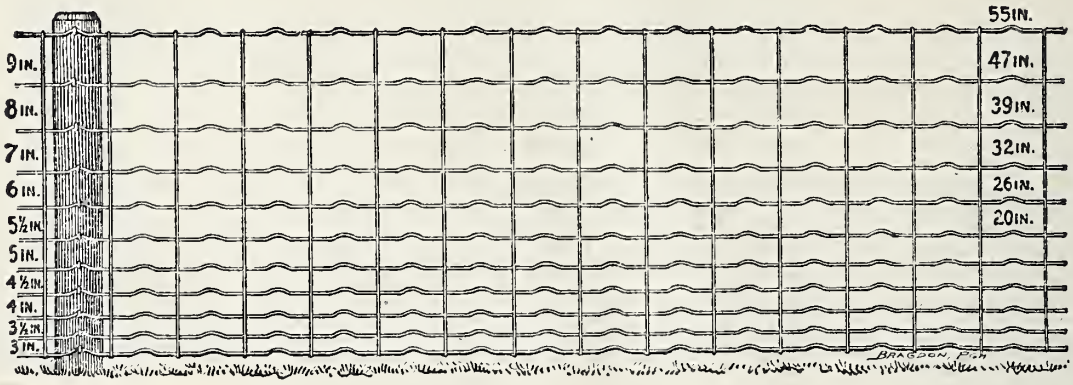
Having no sharp angles or projections, **it cannot injure cattle or tear wool from sheep.**

It can be easily erected on uneven or hilly ground, and when properly stapled to posts **will not sag.**

If desired, the fence can be taken down, rolled into a compact bale and erected in another place without displacing any of its wires.

We can furnish a large variety of meshes from wire of various sizes, also many styles composed of short and narrow meshes at the bottom and long and wide ones at the top, thus enabling purchasers to select **a fence which will afford the desired protection at the least possible cost.**

The accompanying cuts show a few of our standard styles, and if others are desired, we shall be pleased to quote on any specifications that may be submitted.



The top and bottom strands of Standard style are No. 9 and the intermediate No. 11 gauge w re.

Number of Bars	Inches High	Distance Between Stays. Inches	Net Price per Rod	Number of Bars	Inches High	Distance Between Stays. Inches	Net Price per Rod
11	55	12	$0.52	8	32	6	$0.48
10	47	12	.47	7	26	6	.41
9	39	12	.41	6	20	6	.36
8	32	12	.37	9	49	12	.46
7	26	12	.33	8	45	12	.41
6	20	12	.27	6	35	12	.38
11	55	6	.69	9	49	6	.62
10	47	6	.61	8	45	6	.53
9	39	6	.54	6	35	6	.44

In Rolls of 10 and 20 Rods. Send for Special Catalogue.

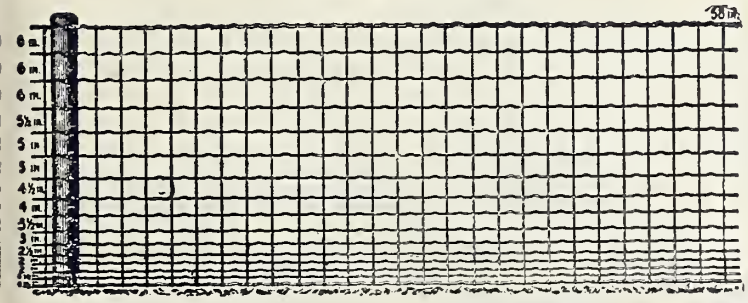
Extra Heavy Electrical Welded Wire Fencing. Top Wire No 7. Bottom Wire No. 9. Intermediate and Upright Wires No. 10.

Jumbo Fence made of all No. 9 Wire.

EXTRA HEAVY STYLE						JUMBO STYLE			
No. of Bars	Inches High	Distance between Stays	Net Price per Rod	Distance between Stays	Net Price per Rod	Distance between Stays	Net Price per Rod	Distance between Stays	Net Price per Rod
11	55	12 in.	$.63	6 in.	$.85	12 in.	$.73	6 in.	$1.00
10	47	12 "	.57	6 "	.75	12 "	.66	6 "	.89
9	39	12 "	.51	6 "	.67	12 "	.59	6 "	.78
8	32	12 "	.44	6 "	.60	12 "	.52	6 "	.70
7	26	12 "	.38	6 "	.50	12 "	.45	6 "	.58
6	20	12 "	.33	6 "	.44	12 "	.38	6 "	.49
9	49	12 "	.58	6 "	.78	12 "	.68	6 "	.84
8	45	12 "	.49	6 "	.76	12 "	.56	6 "	.77

Electric Welded Poultry Fencing.

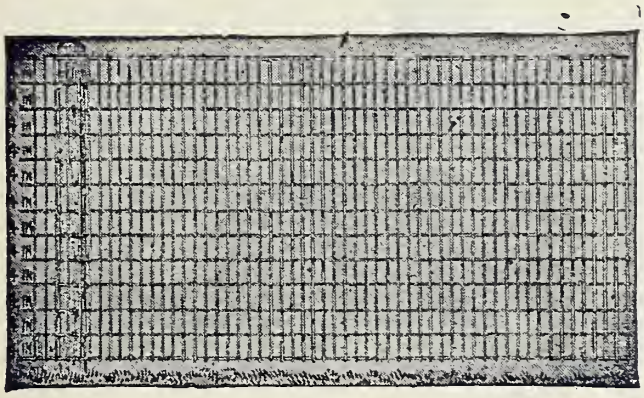
In 20 Rod Rolls.



Top and Bottom No. 10 Wire. Intermediate and Stays No. 13 Wire.

No. of Bars	Inches High	Distance between Stays	Net Price per Rod
19	58	6 ins.	.74
18	52	6 "	.69
17	46	6 "	.65

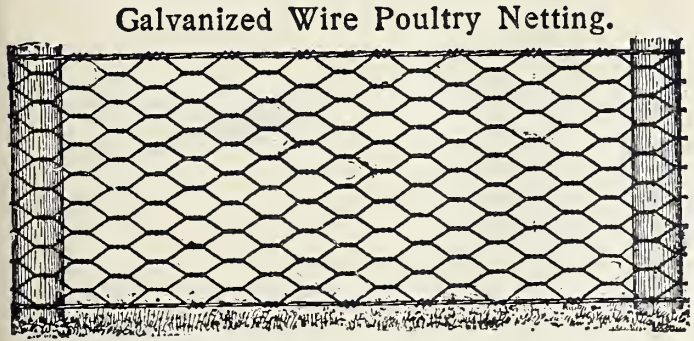
ELECTRIC WELDED LAWN FENCING.



Is made completely of No. 11 Galvanized Wire, with space between lateral wires of four inches, and two inches between vertical. Making a fence of close mesh having great resisting power. Made in the following heights only :

48 in. high. Net per foot 12 cents.
36 " " " " " 10 "
24 " " " " " 7 "

Galvanized Wire Poultry Netting.



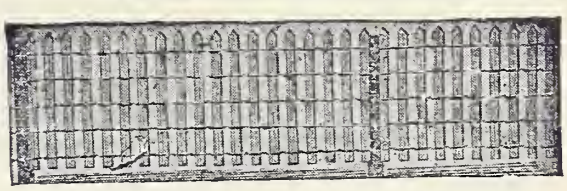
Comes in rolls 150 feet long, from 12 to 72 in. wide, 2-in. mesh. No. 19 Wire.

Net Price Per Roll.

12 inches wide...	$.90	48 inches wide...	$3.60
18 " " ...	1.35	60 " " ...	4.50
24 " " ...	1.80	72 " " ...	5.40
36 " " ...	2.70		

Prices furnished on various sizes of Mesh and Wire on application

Picket and Wire Fencing.

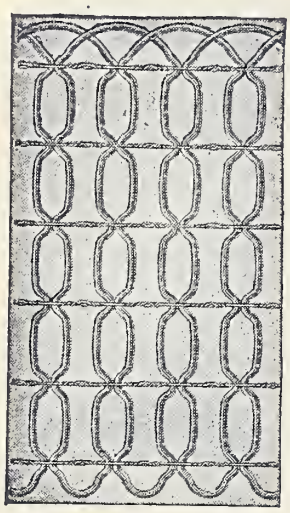


Made of White Cedar Pickets, (stained red), and the best No 12 galvanized wire interwoven with double strands.

Height of Pickets	Width and thickness	Inches apart	Double Wires	Per foot Pointed
4 ft	2x1½in	2	5	9½c
4 ft	2x1½in	2½	5	9¼c
4 ft	2x1½in	3	5	9c
4 ft	2x1½in	3½	5	8¾c
5 ft	2x1½in		6	13c
4 ft	2x1½in	4	5	8½c
3 ft	2x1½in	2	4	8½c
4 ft	Planed 2x1½in.	2	5	13c
3 ft	Planed 2x1½in.	2	4	12c

Per running foot

REEVES' LIGHT, MEDIUM AND HEAVY GALVANIZED LAWN FENCES.



Light, with Pickets made of No. 10 Wire

32	inches	high.	Net	price	per	foot	12	cents.
38	"	"	"	"	"	"	14	"
44	"	"	"	"	"	"	17	"
51	"	"	"	"	"	"	19	"
58	"	"	"	"	"	"	22	"

Medium, with Pickets made of No. 6 Wire

32	inches	high.	Net	price	per	foot	21	cents.
38	"	"	"	"	"	"	24	"
44	"	"	"	"	"	"	27	"
51	"	"	"	"	"	"	32	"
58	"	"	"	"	"	"	38	"

Heavy, with Pickets made of No. 4 Wire

32	inches	high.	Net	price	per	foot	26	cents.
38	"	"	"	"	"	"	32	"
44	"	"	"	"	"	"	36	"
51	"	"	"	"	"	"	41	"
58	"	"	"	"	"	"	47	"

In the three styles the Pickets are held together by twisted strands of No. 12 Wire.

Galvanized 2-Strand Cable Fence Wire.

About 15 feet to the pound, 4½ cents per pound.

RIBBON FENCE WIRE.

About 9 feet to the pound, on spools of about 50 and 100 pounds. Price, 5 cents per pound.

GALVANIZED WIRE.

8 9 10 11 12 13 14 15 16 17 18 19 20

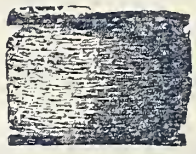
Put up in bundles of 63 pounds. Number of running feet to the pound.

Nos. 8, 14.36 ft.; 9, 17.24 ft.; 10, 20.7 ft.; 11, 26.07 ft.; 12, 34.24 ft.; 13, 44.64 ft.; 14, 59.07 ft.; 15, 72.99 ft.; 16, 95.23 ft.; 17, 129.87 ft.; 18, 172.41 ft.; 19, 222.22 ft.; 20, 312.5 ft. Net price per pound in bundle lots.

Nos. 8 and 9.....6 cts. Nos. 10, 11 and 12. 6½ cts.
13 and 14....7½ " " 15, 16 and 17, 8 cts.
No. 18.....9 cts.

Galvanized Barb Wire Fence.

A good, substantial fence for farms or railroads



One thousand pounds of wire will make over *a mile* of fence of three lines. Price of Galvanized Fencing, 4½ cents per pound, of about 15 feet. Above prices for quantities of not less than one roll. In spools of 50 and 100 lbs. 4¼ cents per lb.

Fence Wire Staples.

For Poultry Netting, 12 cts. per lb. For Ribbon Wire, 10 cts. per lb. For Barb, Cable and Plain Wire, 9 cts. per lb.

Staple Pulling Pliers.

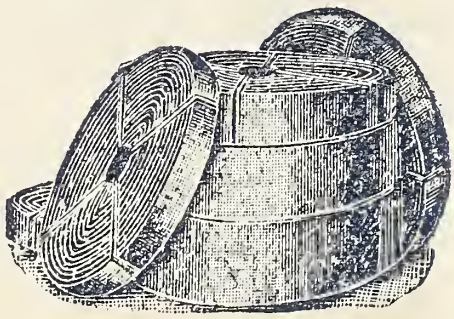
Drives, pulls and saves the staples. Cuts and splices wire.

Net.....$1 20

Combined Wire Pliers and Cutters.

Price, 90 cts. and $1 00

RUBBER BELTING

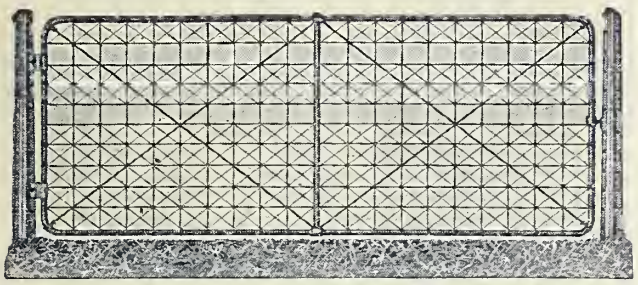


NET PRICE PER FOOT.

Prices on Leather Belting on Application.

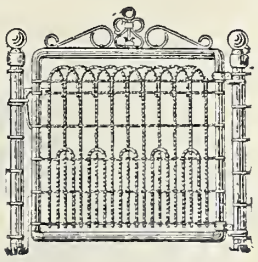
Width, in inches	A grade 2 ply.	B grade 2 ply.	A grade 3 ply.	B grade 3 ply.	A grade 4 ply.	B grade 4 ply.	A grade 5 ply.	B grade 5 ply.	A grade 6 ply.	B grade 6 ply.
2	10	08	11	09	14	11	16	13	21	16
2½	12	09	15	11	18	13	21	16	26	20
3	14	11	18	13	20	15	26	19	31	23
3½	17	13	20	15	25	18	31	23	37	28
4	20	15	23	17	28	21	35	26	42	31
4½	22	17	26	20	32	23	39	29	47	35
5	24	18	29	22	35	26	43	32	52	39
6	29	22	35	26	41	31	51	38	6	47
7	34	26	40	30	49	37	61	45	73	55
8	40	30	47	35	56	42	70	53	84	63
9	45	33	53	40	64	48	79	59	9-	71
10	52	38	60	45	71	54	89	66	1 07	80
11	56	42	67	50	79	59	98	73	1 18	88
12	61	46	72	54	87	65	1 08	81	1 30	97

Lawn and Farm Gates—Style A



		HEIGHT	NET
3 foot opening,		42, 48, 54 and 58 inches	$3 75
4 "	"	42, 48, 54 " 58 "	4 00
5 "	"	42, 48, 54 " 58 "	5 50
10 "	"	42, 48, 54 " 58 "	7 75
12 "	"	42, 48, 54 " 58 "	9 00

Ornamental Gates with Scroll—Style B



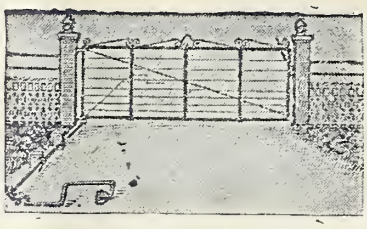
Height includes scroll.

Price on Double Gates named on application.

Gates furnished with fittings for wood posts unless otherwise ordered.

		HEIGHT	
3 foot opening,		36, 42 and 48 inches	$4 75
4 "	"	36, 42 " 48 "	5 00
5 "	"	36, 42 " 48 "	6 50
6 "	"	36, 42 " 48 "	7 50
7 "	"	36, 42 " 48 "	8 50
8 "	"	36, 42 " 48 "	10 00
10 "	"	36, 42 " 48 "	11 00

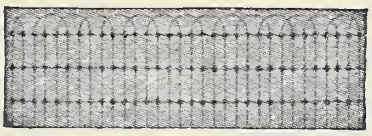
Self-Opening Gates Save Time and Trouble.



This gate has long since passed all experimental stages and is perfect. More than 5,000 are working day or night, rain or shine, and making money for their owners. All gates are 4 feet high.

No. 1 Scroll Top, 8½ feet		Net $23 00
No. 2 Plain Top,	" "	Net 20 00
No. 3 Scroll Top, 10	"	Net 23 00
No. 4 Plain Top,	" "	Net 20 00
No. 5 Scroll Top, 12	"	Net 26 00
No. 6 Plain Top,	" "	Net 22 50

LAWN AND FLOWER BED GUARD.

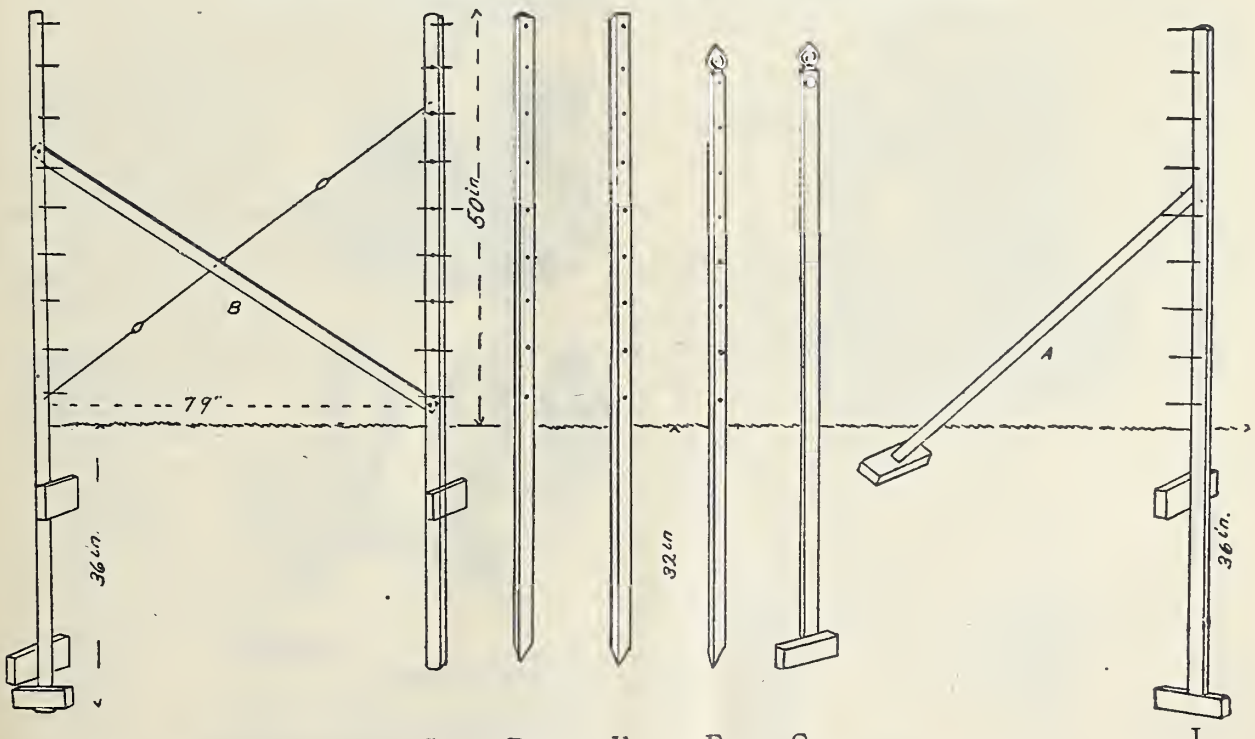


Made of No. 9 and No. 10 Wire.
Galvanized after weaving.

12 inches high	per foot, net,	10 cts
16 " "	" " "	15 "

Write for Special Catalogue of Wire Fencing and Steel Posts

STEEL ANGLE POSTS FOR ALL PURPOSES.



A C D E F G I

THE STANDARD POST will hold any *ordinary* fence. It is a great Field and Farm Post.
THE HEAVY STEEL POST will hold *any fence that is made* and is the real foundation for a good fence.

Standard Posts.	*Thickness of Steel.*	*Height Above Base.*	*Price Net.*
D Line Posts	⅛ inch	50 inch	$ .40
D " "	⅛ "	60 "	.45
D " "		74 "	.55
H, I End "	¼ "	50 "	1.75
H, I " "	¼ "	60 "	2.00
H, H, I Cor. Posts	¼ "	50 "	2.25
H, H, I Cor. Posts	¼ inch	60 inch	$ 2.50
Heavy Steel Posts.			
E Line Posts	$\frac{3}{16}$ "	50 "	.55
E " "	$\frac{3}{16}$ "	60 "	.60
E " "	$\frac{3}{16}$ "	74 "	.70

D Posts are 1½ x 1½ x ⅛ in. angle. E Posts are 1½ x 1½ x $\frac{3}{16}$ in. angle. All other Posts are 2 x 2 in. angle, thickness as given above.

ORNAMENTAL TOP FOR LINE POSTS, 15 cents, for End Posts, 40 cents. Line Posts are not *sharpened unless so specified.*

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

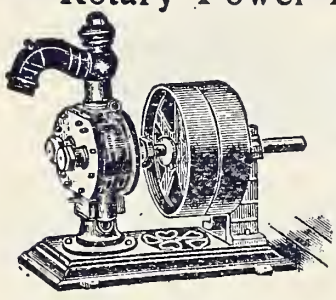
Thurber's Double-Acting Force Pump.

Diameter of cylinder, 5 ins.
Stroke, 5 inches.
Suction, 2 inch hose.
Discharge, 1 inch hose.

Pump only, net, $11.00

Pump with 15 feet 2 inches spiral wire suction hose, 12½ feet 1-in. 3-ply discharge hose, couplings, suction basket and nozzle, all complete, net, $22.00

Rotary Power Force Pump.



Fitted with fast and loose pulley. So arranged that either a wrought iron pipe or hose can be connected. Will throw water horizontally from 125 to 150 feet.

When run at 100 revolutions per minute they have the following capacities:

Size, No.	*Gals.*	*Suction Pipe, inches.*	*Discharge Pipe, inches.*	*Size Pulleys, inches.*	*Net Price.*
1.	20	1¼	1	8x2½	18 60
2.	25	1½	1¼	8x2½	24 00
3.	27	2	1½	12x3½	30 00
4.	50	2	2	12x3½	35 00

Should be placed within 15 to 20 feet of water.

Anti-Freezing Force Pumps.

Fig. 424.

Has windmill revolving bearer top, iron standard of medium size, air chamber in stock, brass stuffing box, flange spout, tapped to receive pipe near spout, 6 inch stroke.

No.	*Diam. Cyl. Ins.*	*Suction. Ins.*	*Iron Cyl. Net.*	*Br. Ld. Cyl. Net.*
3	2¾	1¼	$8 50	$9 50
4	3	1¼	8 50	9 50
6	3½	1½	9 50	10 50

Fig. 852½. Without Windmill Top.

	Iron Cyl.	*Br. Ld. Cyl.*
No. 3.	$7 50 net.	$9 00 net.
No. 4.	7 75 "	9 00 "
No. 6.	8 25 "	9 75 "

Hand Ice Breakers.

No. 55 will take cake 10 inches thick by 10 inches wide. Net, $35 00

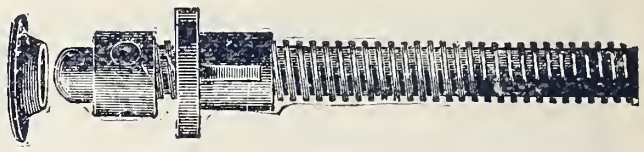
No. 56 will take cake 8 by 10 inches. Net, $26 00.

No. 57 will take cake 8 by 8 inches. Net, $18 00.

No. 59 will take cake 6 by 8 inches. Net, $16 20.

Price on Power Machines on Application.

Wrought Iron Press Screws.

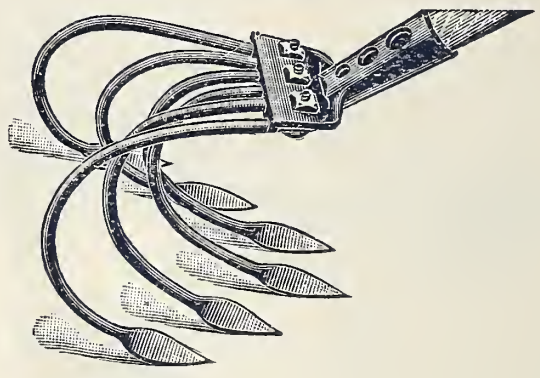


Diameter.	*Length.*	*Price.*
2¼ inch.	36 inch.	$13 25
2¾ "	36 "	17 00
2¾ "	42 "	18 75
3 "	36 "	23 75
3 "	48 "	27 50
4 "	48 "	37 50
4 "	60 "	40 00

CAST IRON PRESS SCREWS.

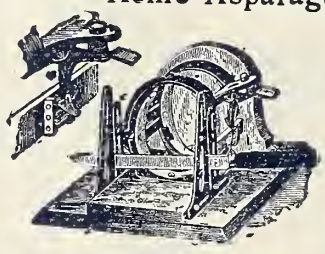
Diameter.	*Length.*	*Price.*
4 inch.	4 feet.	$15 00

Adjustable Garden Cultivator.



Net, $0.90

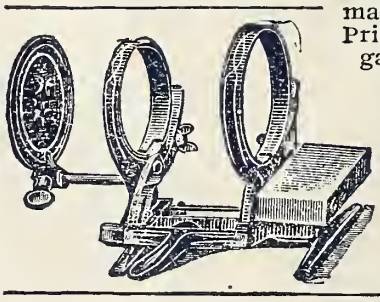
Acme Asparagus Bunchers.



The Acme has a self-locking catch, which can be released instantly. Makes uniform sized bunches, and by its use Asparagus can be tied in neat and compact bunches, so it will not come apart in cooking and will make a neat appearance in market.

Price, with knife-gauge, net, $2.15 each.

Ready Asparagus Buncher, Net, $2.50 each.



Watts' Asparagus Buncher.

Net price.....$2 50

Asparagus Knife.

35 cents.

RAFFIA.

FOR TYING.

Per pound, 17c.

Family Grindstone.

MOUNTED, CAST-IRON BASIN.

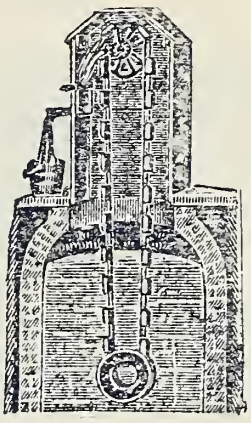
6-inch (diameter)....	$	90
8-inch "	1	15
10-inch "	1	50
12-inch "	1	85

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

Water Elevator and Purifier.

For Wells and Cisterns.

WHY WE SELL IT.



What the lungs are to the human body, the Water Elevator and Purifier is to any body of water over which it is placed. By forcing air into contact with the blood, the lungs eliminate the poison which is being constantly generated in that fluid. By forcing air into the stagnant depths of well or cistern the Elevator performs the same wholesome service, correcting the foul conditions, and carrying destruction to the nimble and deadly Microbes, and their more pretentious, but milder brethren, the Wiggle-tails.

PRICES.

Elevator complete, for 10 foot well....Net, $9 00
All over 10 feet, extra..... " 40

Rubber Bucket Pumps.

These are thoroughly made and handsomely painted in colors, with patented Noiseless Ratchet Fixtures, which are anti-freezing.

Get the depth of well from surface of ground, and in ordering, add two feet for pipe and five feet for chain.

Curb, complete, with fixtures, as per ut, $2 25.

Galvanized Chain, per foot, 4 cents.

Tubing, per foot, $0 07.

Price, complete, for 10-foot well, $3 90 net, all over 10-foot, per foot, 15c.

Rubber Buckets, each 9c.

Galvanized Wrought Iron Spiral Hand Suction or Bilge Pumps

Less than 5 feet, charged as 5 feet.

SIZE. Inside diameter.	PRICE. Per Foot, Net.
1½ inches.	$ 0 50
2 "	54
2½ "	59
3 "	63
3½ "	68
4 "	72
4½ "	81
5 "	1 08

The entire suction barrel being constructed of but one piece of Galvanized Iron spiral tubing, without joints, the superiority of these pumps is apparent.

Drive Well Point.

DRIVE CAP.

Points					Each.
24 in. for	1¼	in.	Iron	Pipe,	$1 75
30 " "	1½	"	"	"	2 50
Drive Caps "	1¼	"	"	"	35
" "	1½	"	"	"	45

WOOD PUMPS.

"No. O," STOCK PUMPS. This is made of 7x7 timber, with 4-inch bore and 10-inch stroke.

Feet long.		Net.		Net.
5	Porcelain Lined,	$6 60	Unlined,	$5 28
6	" "	7 00	"	5 60
7	" "	7 60	"	6 20
8	" "	8 00	"	6 80
10	" "	9 00	"	7 60
12	" "	10 00		

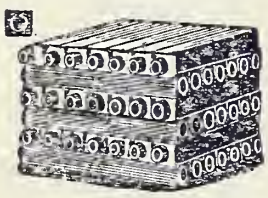
"No. 1," THE FAVORITE HOUSE AND WELL PUMP. This is made of 6x6 timber, with 3⅛ inch bore and 9 inch stroke.

Feet long.		Net.		Net.
5	Porcelain Lined,	$5 28	Unlined,	$4 12
6	" "	5 60	"	4 80
7	" "	6 00	"	4 67
8	" "	6 40	"	5 20
10	" "	7 20	"	6 40
12	" Extension Cylinder,	7 60		

'No. 2," CISTERN PUMPS. This is made of 5x4 timber, with 3-inch oore and 8-inch stroke.

		Net.		Net.
5 feet long,	Porcelain Lined,	$4 60	Unlined,	$3 40
6 " "	" "	4 80	"	3 60
7 " "	" "	5 00	"	3 80

"No. 1," pipe or tubing, per ft., 13½ cents, net.
Over 12 ft. in length, per ft., 15¼ cents, net.
"No. 2," pipe or tubing, per ft., 10½ cents, net.
Over 12 ft. in length, per ft., 11¼ cents, net.



Water Drawer or Well Curb.

Open Curb, complete..... Net price $9 00
Closed " " ..... " 11 00

Well Buckets.

Price, 75 cents to $1 00

BLOCKS of all STYLES.

Prices on Application.

WELL WHEELS.

10 inch.....	$ 40
12 "	50
14 "	85

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

ALUMINUM EAR BUTTONS.

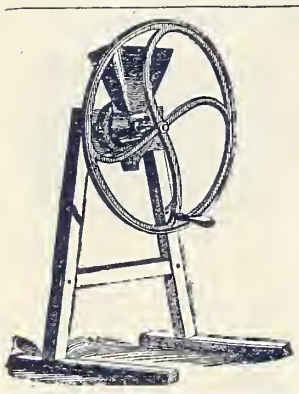
The Best Marker Made.
Medium size suits all animals. C inches tight, cannot come out; has double tube which gives double strength.
Name and address is placed on top, and number on bottom.

25	Net	$1.50
50	"	2.75
100	"	4.50
500	"	20.00
Punch and Pliers	"	1.25

Cattle Labels.

These labels are numbered on one side, and have initials, name, or name and address, on the other.

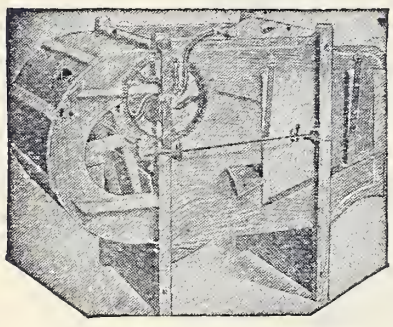
Cattle Label,	75c. per doz.,	$4 00 per 100
	Punches . . . each,	$1 50
Calf "	60c. per doz.,	$3 00 per 100
	Punches . . . . each,	$1 25
Sheep "	40c. per doz ,	$2 00 per 100
	Punches . . . . each,	$1 25



Hand Mills.

For grinding Coffee, Corn and all kinds of Grain.

No.	*Net.*
3	$4 00
4	4 80
5—for drugs	6 40
Hand & power	25 00



Single and Double Shoe Farm Fanning Mills.

SINGLE SHOE MILLS.

With Seven Sieves.

No. 1. Sieves 21½ inches wide.
Capacity 60 to 80 Bushels per hour.
Net.....$19 00.

No. 2. Sieves 26½ inches wide.
Capacity 75 to 100 Bushels per hour.
Net.....$21 00.

DOUBLE SHOE MILLS.

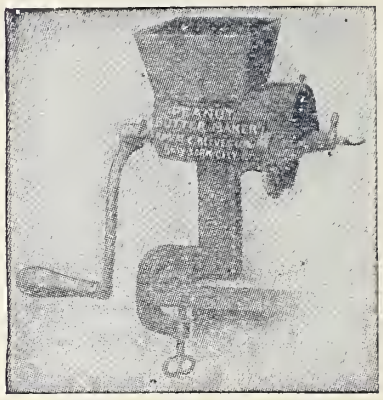
No. 1. Sieves 22 inches wide.
Capacity 60 to 80 Bushels per hour.
Net.....$23 00.

No. 2. Sieves 27 inches wide.
Capacity 75 to 100 Bushels per hour.
Net.....$29 00.

No. 4. Sieves 39 x 20 inches.
Capacity 150 to 300 Bushels per hour.
Net.....$50 00.

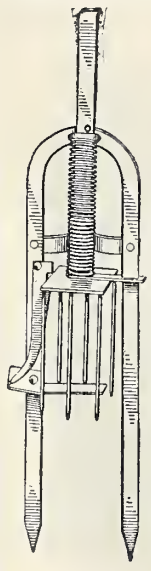
No. 6. Sieves 39 x 28 ½ inches.
Capacity 200 to 400 Bushels per hour.
Net.....$70 00.

No. F 4 MILL.



Will grind anything grindable. Wet, dry or oily. With it you can make Graham or whole wheat flour, peanut butter or grind your coffee and spices.

Net price with Hopper.....$3 80
Net price without Hopper, $3 20



REEVES' IMPROVED MOLE TRAP.

Is self-setting and a satisfactory trap.

Net.....$1.00

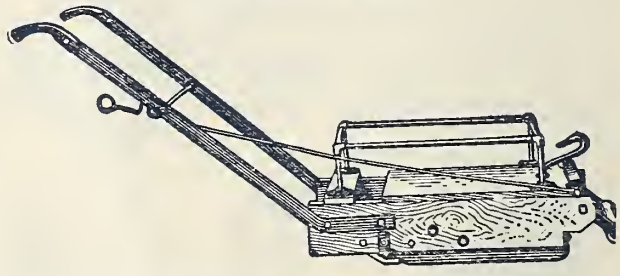
NEW MODEL MOLE TRAP.

Is low enough to be set under hot frames.

Net.....$1.50

REEVES' TRIUMPH SOD CUTTER.

FOR ONE HORSE.

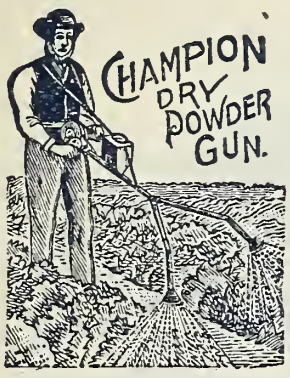


It is the best and cleanest sod-cutting machine in America. Has a *Reversible Knife* made of one piece of steel. While one side dulls, the opposite edge is getting sharpened, cannot get choked. An Adjustable Roller regulates the thickness of the sod from one-half inch to 2 inches in thickness; the front roller swings back under the guide-shoe and takes the weight when the machine is not cutting. The guide-shoe can be changed to either side in a minute; no friction or injury to the grass. The knife can be cleaned without turning over the machine. This new implement cuts the sod of uniform width and thickness, in any length, so that it is particularly adapted to giving solidity to slopes in cuts and on embankments, working equally well on level or uneven surface, cutting both ways with the land, and leaving no sod uncut, being light of draft, easily managed, strong, neat and durable. One machine will cut from 30,000 to 40,000 square feet per day, thus doing the work of forty men. We guarantee the expense saved between cutting by hand and with horse power in one day to pay the price of our machine.

Instructions for operating furnished with every machine. Every cutter warranted.

Price..... $25 00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.



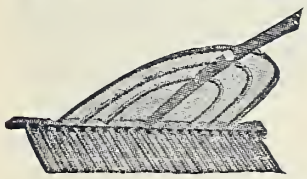
Each machine is furnished with 4 tubes, 6 nozzles, 2 straps and oil can; will dust two rows of potatoes at a time.

Weighs about 6 lbs.

Price.....$8.00.

Little Giant Dusters.

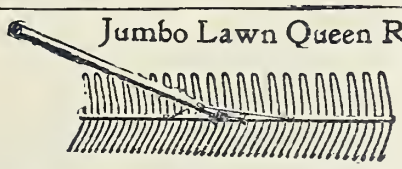
Will dust two rows at a time. Each machine furnished with two tubes, five nozzles and strap. Price, $6.00.



Wooden Hand Hay Rakes.

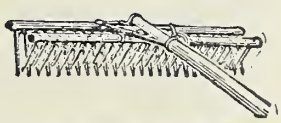
Extra,	2-Bow,	12	Tooth	Rakes,	List Price.....	25
"	3 "	14	"	"	"	30
No.	2, 2 "	12	"	"	"	23
"	2, 3 "	14	"	"	"	30
"	3, 2 "	12	"	"	"	20
"	3, 3 "	14	"	"	"	25
Extra Lawn,		24	"	"	"	40

Jumbo Lawn Queen Rake



Queen 70½ inches long 24 teeth .....45 cents
Reversible, 3 feet wide, 42 teeth, at 75 cents, net.

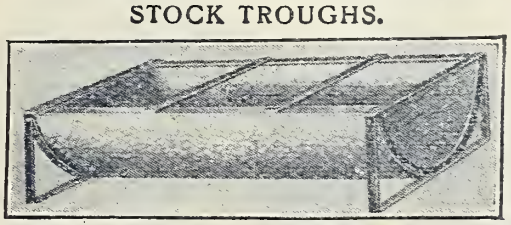
Automatic Self-Cleaning Lawn Rakes



By pushing this Rake backwards it will clean all the teeth.

26 teeth.....Net, 90 cents.
38 " ..... " 1 15

GALVANIZED HALF ROUND STEEL STOCK TROUGHS.

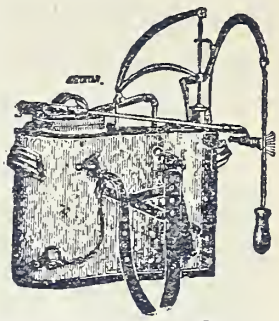


These Troughs have a steel Frame or truss at each end.

Width feet	Depth inches	Length feet	Capacity barrels	Price
2½	18	10	8	$14.00
2	20	10	8	14.00
2½	18	8	6	12.00
2	20	8	6	12.00
1½	8	10	2	5.00
2	12	10	5	9.00
1½	14	10	5	9.00
2	12	8	4	8.00
1½	14	8	4	8.00
3½	22	10	13	17.00
3	24	10	13	17.00
3½	22	8	10	16.00
3	24	8	10	16.00
4	24	10	20	22.00
4	24	8	16	19.00

For capacity figure 30 gallons to barrel.

KNAPSACK SPRAYER.



For Vineyard, Nurseries and Potato Fields. Copper Tank Concaved to fit the Back. All Brass Pump. This machine consists of a copper tank holding five gallons, and a pump made entirely of brass, which cannot corrode or rust. There is a large air chamber placed inside the tank for convenience, which has sufficient capacity to keep up the pressure and continue to discharge the spray for one minute after the operator stops pumping. The Nozzle is our combination Vermorel so highly recommended, and gives universal satisfaction. The Vermorel attachment throws a fine misty vapor spray, but on account of its fineness cannot be thrown more than 15 feet. More force applied only serves to make the spray finer, but by means of the combination the Vermorel attachment can be unscrewed, leaving a solid stream nozzle, which will throw to a distance of 30 to 50 feet.

Weight, empty, 14 lbs.; full, 60 lbs.

Price: Complete as above, with Automatic Churn, Dasher Agitator, $17.30 net.

AUTO SPRAY PUMP.

For Spraying trees, shrubs, cleaning windows, etc.

Capacity, 4 gallons, brass tank..... .....$6 50

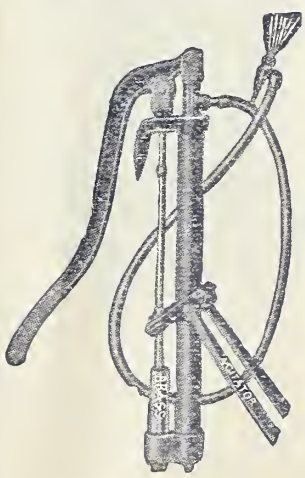
Capacity, 4 gallons, galvanized iron tank.....$5 00

Tin Sprayers, 45 and 70 cts.

Reeves' Spray Pump.

The working parts are all Brass, and the bucket foot rest is made of Malleable Iron. Is very simple in construction, having large air chamber, and is Double Acting, throwing a continuous stream of either solid or fine spray. Net, $4 00

YANKEE BARREL SPRAY PUMP.



Quickly attached to any barrel. Is a double acting spray pump with suction tube. Valve and valve seats made of brass. Has a duplex agitator which keeps the liquid stirred up. Is suitable for all spraying purposes, including whitewashing.

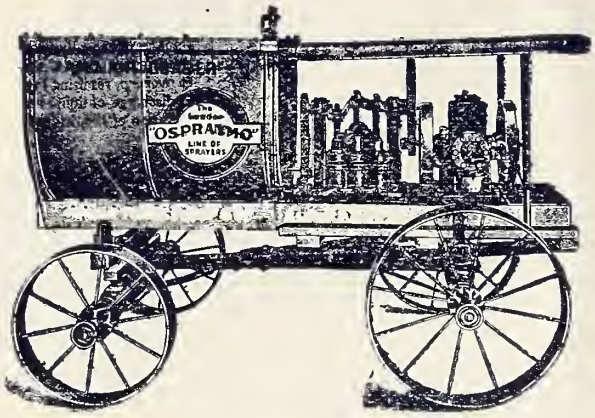
Pump plain $7.50

Pump with 10 feet ½-inch hose and spray nozzle 11.50

Barrel extra..... 2.50

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

The Junior Leader Orchard Sprayer with Two Horse Power Engine and Three Plunger Pump.



Will supply six nozzles at a two hundred pound pressure.

Tank is of the half-round type, holding one hundred and fifty (150) gallons; has Automatic Agitator.

Outfit No. 66. This includes the platform, 150 gal. tank, New Pattern "Triplex" pump of the latest displacement type, MECHANICAL AGITATOR, 2 H. P. Leader Engine, two shut-off-cocks, safety valve pressure gauge, no discharge hose or nozzles. $200.00 net.

Outfit No. 67. Same as above with WAGON having 4-steel wheels 28 and 30 inches with 4-inch tires, and with hole for two animals. $235.00 net.

Provision is made for filling the tank with the Triplex pump, capacity 7 gallons per minute; but an Iron Rotary pump having a capacity of 25 gallons per minute can be furnished:

Including delivery hose and belt for driving from the engine, also pulley. $18.00 net.

Steel Tower with foor and guard rail. $12.00 net.

SPRAYING PUMPS.

"The Queen" and "The King."

Both have Automatic Mechanical Agitators.

The King Pump has Seamless Brass Cylinders, with *Solid Brass Plunger*, *Brass Valves*, without leather or rubber, and Brass Rod, also a *Brass* Screw Spout, to which hose is attached. They have large Air Chambers, by means of which the Spray is strong and continuous.

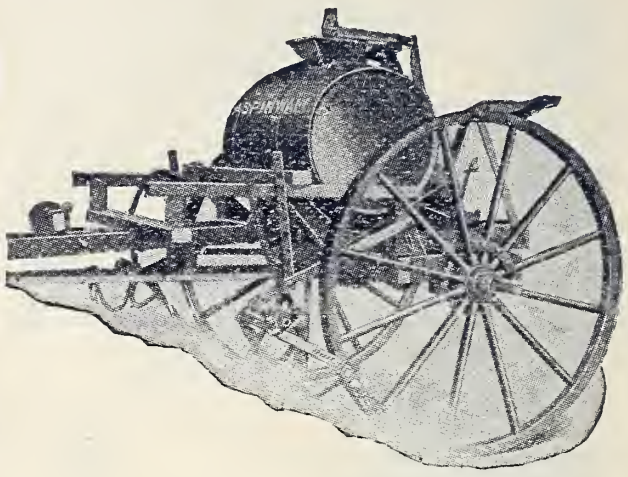
PRICES:

The Queen Outfit,	without	barrel,	net	.....	$14.50
" " "	with	"	"	.....	18.40
" King "	without	"	"	.....	18.40
" " "	with	"	"	.....	21.00

If Combination Barrel Truck is wanted *See page* 13,

Add for Truck with 1½ inch tire wheels, $8.50 net.
" " " " 2½ " " " 9 40 "
" " " " 4 " " " 10 50 "

Aspinwall Double Cylinder High Pressure Two Horse Sprayer.



Shafts can be furnished in place of Pole so ordered.

Aspinwall Sprayers possess a wider range of adjustment than any other similar machines on the market.

Their popularity and success are largely due to an arrangement of the nozzles in front, by which the vines may be sprayed to the ends of the rows. The machines are very compact and working parts easily accessible (an important feature when making repairs). The operator can reach the seat without being obliged to climb over pipe and nozzle connections. By this arrangement the driver is not subject to the strain of looking backwards or sideways.

The nozzles may be adjusted to spray straight down or at any angle to the rear, as shown in cut. For low down or early spraying there will be less waste of mixture, especially in windy weather. By means of pedals the spray can also be directed to cover uneven rows or overcome the effect of side winds.

It is a fine machine, well made and especially designed for handling Bordeaux mixture and other heavy preparations used in spraying for blight. We invite attention to special features in the construction which increases its efficiency, making it superior to any other Sprayer on the market.

The Double Cylinder High Pressure Pump used on our New Sprayer is simple in construction, strong and durable; is fitted with brass lined cylinders and brass valves, which are not liable to rust or corrode. The pump will give a pressure of from 50 to over 100 pounds and can be adjusted as desired.

One Barrel of mixture will cover from Four to Five Acres. Capacity from Four to Eighteen Acres per day.

Net $70.00

NEW MODEL SIX-ROW AUTOMATIC SPRAYER.

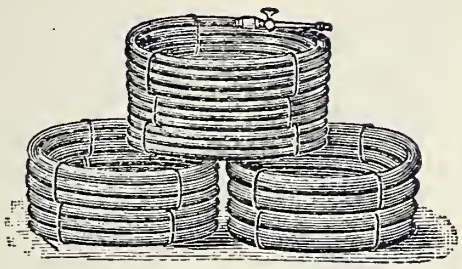
TANK holds 100 gallons, has double brass cylinder pump, all *brass* working parts, (no leather or rubber valves) *mechanical automatic agitator* with automatic *brushes* for keeping *strainers* clean, stout wheels with three inch tires, thills for one horse, *six* improved *Vermorel Nozzles*. As shown it straddles two rows planted *three* feet apart. It is furnished with nozzles adjusted for rows from two feet six inches to three feet apart when so ordered.

The machine has a back pressure *safety valve*. The nozzles and pipes as shown are in position for passing through farm gates. The pipes are turned down horizontally for spraying, and have hinged joints for that purpose. *This machine sprays* forty acres of Potatoes, Cotton, Tobacco or Vegetables for a day's work, and without waste of Liquid.

Price Complete for Six Row Sprayer... $95.00 net.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

FIVE-PLY GARDEN HOSE.



RUBBER HOSE

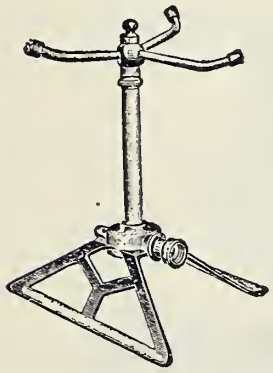
Size, ¾ inch.

Price, including patented nickel-plated coupling, 15 cents per foot.

½-inch Five-Ply Spray Hose, coupled, 12 cents per foot.

Prices of larger and smaller sizes on application.

"Cyclone" Lawn Sprinkler.



This low-down three-arm Sprinkler stands about 1 foot in height, is well made and runs easily, the head and arms nickel plated, and being on sled runners instead of legs, has made it very popular, the advantage being that they can be pulled over the lawn easily without damage to the turf. $1.40

Portable Lawn Sprinkler.

Four-arm..... $3 25
Eight-arm..... 3 75
Ball and Basket Attachment, Extra.....$2 25

Three-Arm Sprinkler.

Height, 11 inches.....net, $1 00

Evenston's Sprinkler.

Is the best low-priced one. It will sprinkle a space of 25 feet in diameter with the ordinary pressure of water. Net, 45 cents.

Iron Hose Menders.

For ¾ in. hose, net, 5 cts.

Wooden Hose Menders.

For ¾ in. hose, 2½ cts.

Caldwell's Hose Bands.

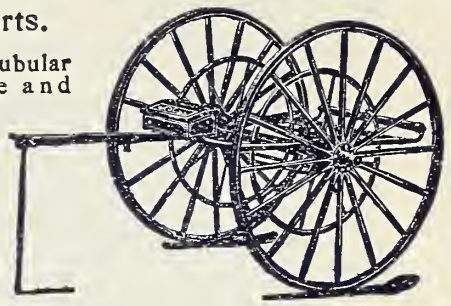
For ¾ in. hose, net, 3 cts.

Chicago Hose Coupling Clamps.

For ¾ in. hose, net, 5 cts.

Hose Carts.

Built with Tubular Steel Frame and Reel.



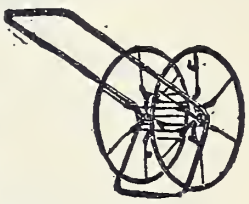
Style S, *like Cut.*	Net.
Capacity 300 ft. of 2½ in. Double Jacket Hose...	$72.00
Capacity 500 ft. of 2½ in. Double Jacket Hose...	99.00

Style O, a good, cheap Hose Cart.

Capacity 350 feet of 2 inch Cotton Rubber Lined Hose.....Net,	$32.50
Capacity 650 feet of 2 inch Cotton Rubber Lined Hose.....Net,	$58.50
Capacity 350 feet of 2½ inch Cotton Rubber Lined Hose.....Net,	$40.50

Price of Ladder Cart on application.

All-Iron Hose Reels.



No. 1, to hold 100 feet of ¾ inch hose..... net, $2.60
No. 2, to hold 150 feet of ¾ inch hose..... net, 3.10
No. 3, to hold 400 feet of ¾ inch hose..... net, 4.75

WOOD HOSE REELS.
To hold 50 ft. ¾ in. hose, 85c.

Galvanized Iron Watering Pots.

6 quart	net,	$0 50
8 "	"	60
10 "	"	70
12 "	"	80
16 "	"	90
20 "	"	1 30

Heavy Galvanized Water Pots

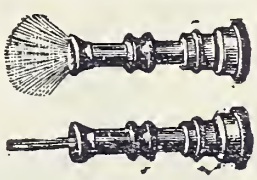
With two copper-faced Roses

Qts.	4	6	8	10	12
	$2 00	2 25	2 40	2 75	3 00

Rubber Plant Sprinklers.

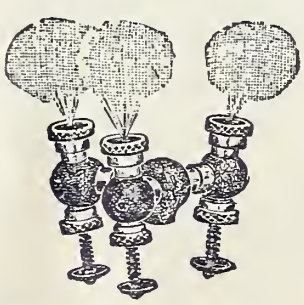
6 oz.	60 cents.
8 "	70 "
10 "	80 "

Gem Nozzles.



50 cents.

Group of "Vermorel" Nozzles



With Brass Pipe and Cock. Net, $2.75

"Vermorel" Spray Nozzle.

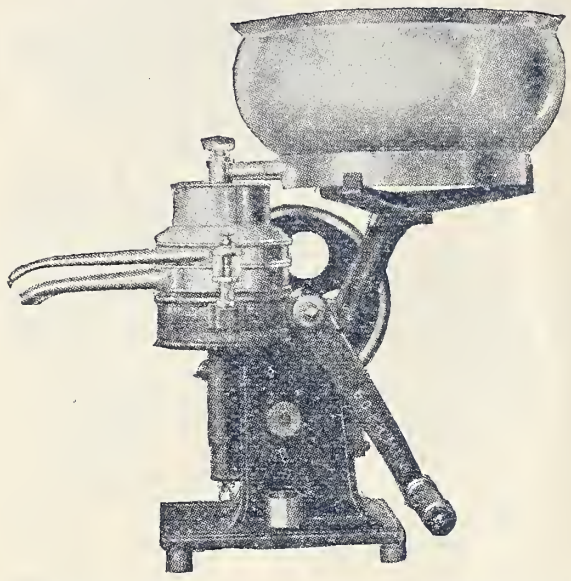
80 cents.

Hose Reducer.

15 cents.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

The Upsala Improved Swedish Cream Separators



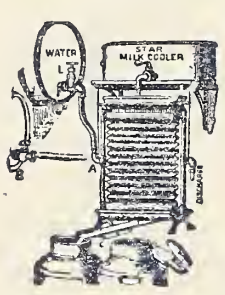
The purpose of the cream Separator is the quick and complete separation of cream from milk in the simplest and most profitable manner possible.

If used for the production of cream for any commercial purpose, no other system can be considered in comparison with the separator. Its product is the sweetest, freshest, most uniform, freest from taints, may be easily run of any desired consistency—from the lightest to the heaviest—and is superior in every respect. In all the larger cities, and in many smaller places as well, the best trade can now be satisfied with nothing but "separator" cream, and the price commanded is proportionately greater.

Are thoroughly made with self-balancing bowl. Skimming plates are not numbered, but are interchangeable. Write for special circular.

No. 1—Upsala without stand, will separate 200 pounds of milk per hour..... $42.00
No. 1*a*—Upsala without stand, will separate 335 pounds of milk per hour..... 52.00
Stand extra..... 4 00
No. 2—Upsala without stand, will separate 410 pounds of milk per hour..... 59.00
Stand extra 4.00
Pulley attachment extra for No. 2..... 7.00
Cut represents No. 1*a* and No. 2.

MILK COOLER.

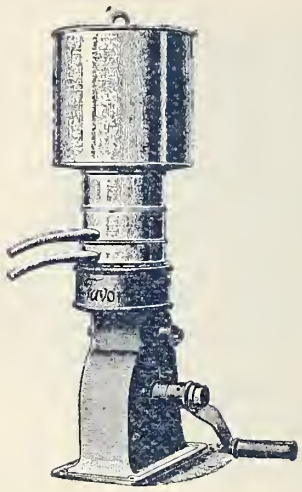


How It Works.—The water for cooling enters the machine through lower tube and fills the entire space between the sheets (see marked "Water") and discharges through top tube. As the water keeps constantly changing a complete circulation of the water is enforced. The warm milk runs from Milk Tank into top feed trough and through feed holes to outside of both cooling sheets and is cold when it gets to the bottom, because, while the milk is running down outside the water is moving up inside.

If water is 54 degrees, milk will run off Cooler at 56 degrees. Milk is cooled to within two degrees of temperature of water.

No. 0, cools 20 gals. per hour.....Net, $15 00
" 1, " 35 " " ..... " 23 75
" 2, " 50 " " ..... " 26 00
" 3, " 65 " " ..... " 38 00

The Favorite Cream Separator



Is very substantially and carefully made. Easily cleaned. Skims exceedingly close and works evenly. Is surprisingly easy to turn. Gives the desired percentage of cream, and is far superior to all other small separators.

No. 1 is made with a two-piece bowl and no discs.

No. 2 is made with a two-piece bowl and two discs.

A trial of the Favorite will give full satisfaction. Instructions for use accompany each machine.

No. 1 Favorite. Separating capacity of about ten gallons of milk per hour, $19.00,

No. 2 Favorite. Separating capacity of about fifteen gallons of milk per hour, $23.00.

Economical Creamers.

Will separate Cream from Milk in 4 to 6 hours and do the work perfectly in warm or cold weather. Has removable inner cans made of heavy tin plate. The outside water tank is made of heavy galvanized iron.

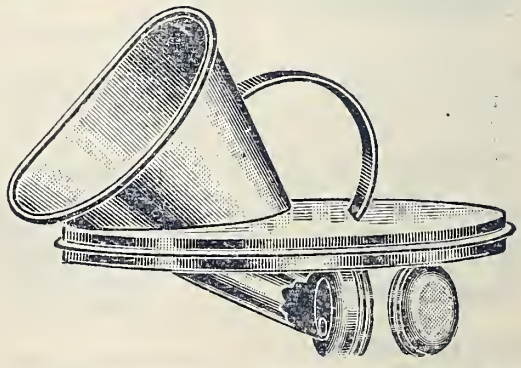
Capacity of each Inner Can.	Outside Measurement of Tank.	Net.
No. 1, 5 gal.	25 x 16 x 20	11 40
" 2, 7 "	27 x 18 x 22	13 00
" 3, 9 "	29 x 20 x 24	14 00
" 4, 11 "	31 x 22 x 26	16 00

DAIRY BUCKETS
WITH STRAINER.

12 Quarts ....each $1.00
12 Quart Plain Pail, .50

SANITARY MILK PAILS.

With cover ...net, $2.00



The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

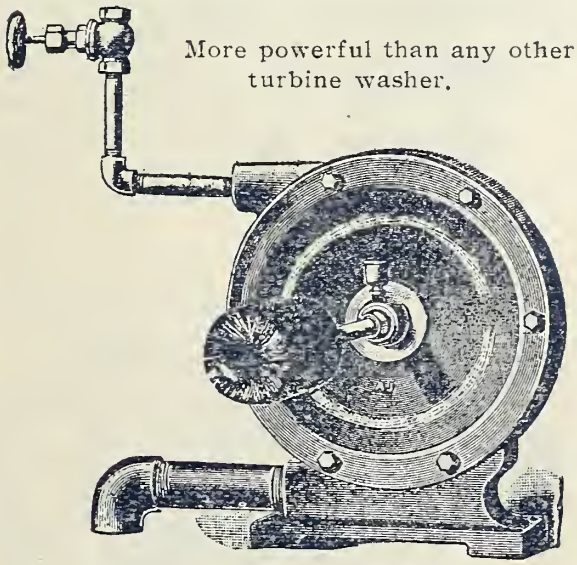
HERO CHURN

SOMEWHAT SIMILAR TO THE STODDARD

No.	*Churns*	*Net*
0	3 gallons	$4.50
1	4½ "	5.00
2	7 "	5.50
3	9 "	6.00
4	12 "	8.00
5	16 "	9.50
6	22 "	12.50
7	28 "	15.50

"Perfection" Steam Turbine Bottle Washer

More powerful than any other turbine washer.



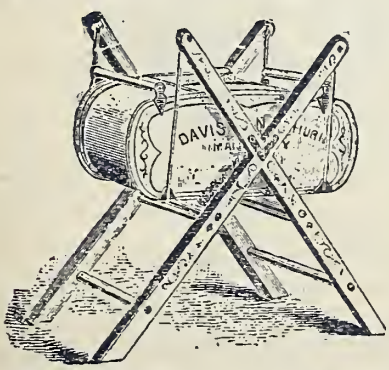
Complete with one brush.....$20.00
" " two " 25.00

The "Blanchard" Churn.

Is the best revolving dash churn made in points of material, workmanship, easy operating and superior butter making qualities.

No. 3,	for 2	gallons,	net,	$5 00
" 4,	" 4	"	"	5 90
" 5,	" 8	"	"	7 00
" 6,	" 12	"	"	8 50
" 7,	" 16	"	"	10 00

Power pulley for family size churns 3 00

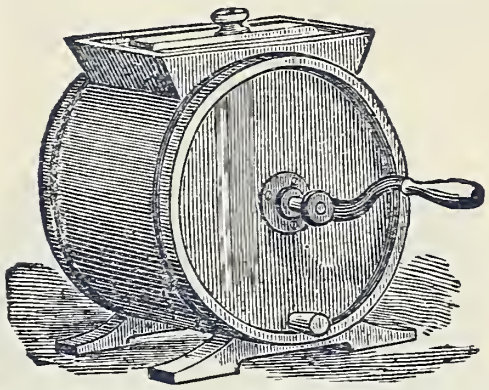


Davis Swing Churn.

The churning is done by a swinging motion, which will bring the butter by simply moving the mass, the particles of cream coming in contact with each other only.

No. 1,	8	gals.,	will	churn	3	gals.	or less,	net, $8 00
" 2,	10	"	"	"	5	"	"	" 9 00
" 3,	16	"	"	"	8	"	"	" 10 00
" 4,	24	"	"	"	12	"	"	" 12 00
" 5,	30	"	"	"	15	"	"	" 15 00

CYLINDER CHURNS.



A favorite style of Churn in use for many years in this country, and largely shipped to foreign countries.

No. 1,	Capacity,	2¾	gallons.....	Net Price,		$2.75
" 2,	"	4	"	"		3.00
" 3,	"	7	"	"		3.50
" 4,	"	10½	"	"		4.00

Railroad Milk Cans.

New York Pattern.

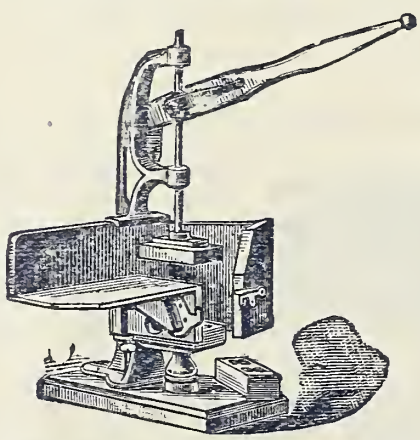
Quarts,	20	30	40	50	60	80
Each,	$3.00	3.35	3.60	4.75	6.40	7.25

Special Delivery Pattern Milk Cans.

Quarts,	8	10	12	16	20
Net Prices,	$4.75	4.75	5.00	5.25	6.00

Extra for Cream or Butter Compartment, $1.00.
Chains and Staples, Extra 0.25
Lock and 2 Keys, " 0.75

IXL Self-Gauging Butter Printer.



It is designed not only to print the butter, which it does very neatly and quickly, but also *weighs* or *gauges* it into pounds or ½-pounds, as desired, in one-quarter the time it can be done by hand. In these days of imitation and adulteration, we would advise every one making butter to have their monogram or initials cut on the butter print. This would prevent imitation. To a person making a uniform good article this would be of incalculable value.

Price—For a 2-lb. Printer		net,	$10 00
" " either pound or half-pound,		"	9 00
" " both " and	"	"	12 15

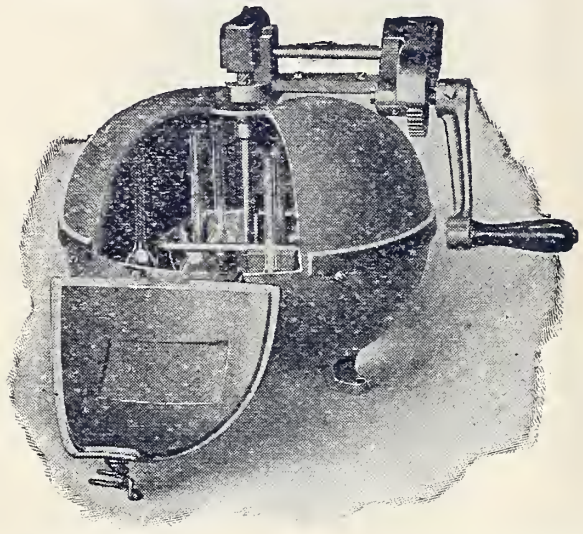
$1.00 extra for monogram or initials

Regular size of 2-lb. Print,	6	in.	long by	3¼	in.	wide.	
" " 1-lb. "	4¾	"	"	2½	"		
" " 1½-lb. "	3⅝	"	"	2¼	"		

Special sizes can be made to order.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

The Twentieth Century Babcock Hand Milk and Cream Tester.



A speed from 900 to 1000 revolutions per minute can easily be obtained; is accurate, durable and easily operated.

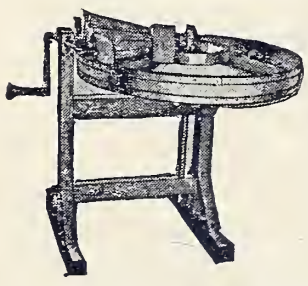
SIZES AND NET PRICES.

4 Bottles.....$7 20	10 Bottles.....$10 80
6 Bottles..... 8 10	12 Bottles..... 12 60
8 Bottles..... 9 00	

The Official Milk and Cream Tester.

2 Bottles.....$4 50	4 Bottles.....$5 50

BUTTER WORKERS.



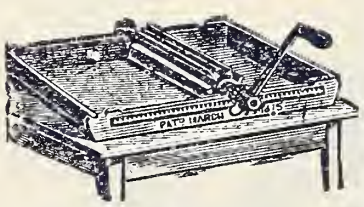
No. 7 Hand Worker, capacity 25 pounds in from 6 to 8 minutes. All galvanized gears. Net, $23.00.

POWER SIZES

No. 1. Capacity 75 pounds in 10 minutes, Net $45 00
" 0. " 60 " " " " 35 00

Extra for Galvanized Gears on Power Sizes, $10 00

Patent Butter Workers.



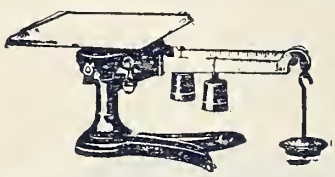
It is a machine that is very efficient in its work, simple in its construction, and convenient to handle. It will work a batch of butter in from three to five minutes, according to the condition of the butter, working out the butter-milk and thoroughly mixing in the salt, doing the work far quicker and better than it can be done by hand. It consists of a tray and a roller with paddles, which is turned by a crank, and traverses from end to end of tray. It acts on the butter on precisely the same principle as a ladle in the hands of a person, but with perfect uniformity.

No. 1,	Capacity 50 pounds	.....	net price,	$8 50
" 2,	" 30	"	"	6 80
" 3,	" 20	"	"	5 95
" 4,	" 10	"	"	5 10
" 0,	" 75	"	"	10 60
" 00,	" 112	"	"	12 75
" 000.	" 150	"	"	15 30

Family Platform Scales.

Capacity from ½ oz. to 240 Pounds.
With Tin Scoop..... $4.50
" Brass " 5.75

Butter Scales.



10 inch Square Plate. Capacity, 23 Pounds x ½ oz. Beam 3 lbs. by ½ oz.

Single Beam Porcelain Plate, no Scoop, net,								$9 45
Double	"		"		"	"	"	10 35
"	"	Marble	"		"	"	"	10 35
"	"	"	"	Brass	"	"	"	12 00

Improved Butter Shipping Boxes.

These boxes are iron bound at the edges and capped at the corners. An Ice box is fitted in centre, which can be removed at will and the space utilized.

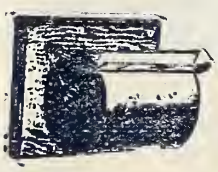
Capacity.			Net.	Capacity.			Net.
12	1-lb.	Prints...	$3 15	24	½-lb.	Prints....	$3 60
20	"	"	3 38	36	"	"	4 05
30	"	"	3 83	64	"	"	4 73
40	"	"	4 38	80	"	"	4 95
56	"	"	4 50	100	"	"	5 40
80	"	"	4 95	120	"	"	5 85
96	"	"	5 18	140	"	"	6 30
120	"	"	5 40				

Box Horse Radish and Cocoanut Graters.

This grater is made with steel pins in the cylinder, or with cylinder clad with punctured tin. The Cocoanut Grater is similar to the Steel Pin Cylinder Horse Radish Grater, but is for finer work.

Box Horse Radish Grater, with tin clad cylinder.....	net,	$6 50
Box Horse Radish Grater, with steel pin cylinder.....	"	7 50
Box Cocoanut Grater, with steel pin cylinder.....	"	8 40
For Mounted Steel Pin Foot Power Grater	"	12 00

Wax Paper Cutter.

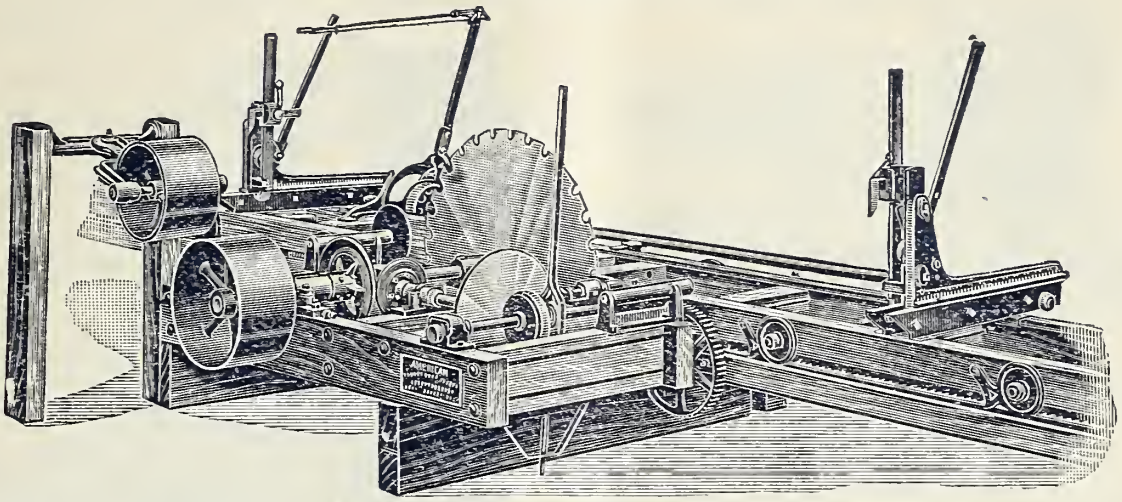


Any size, 6, 9, 12, 18, 20, 24 inches wide, at...$1.25

Wax Paper in Rolls for above, per Pound 20c

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

No. 2. STANDARD SAW MILL.



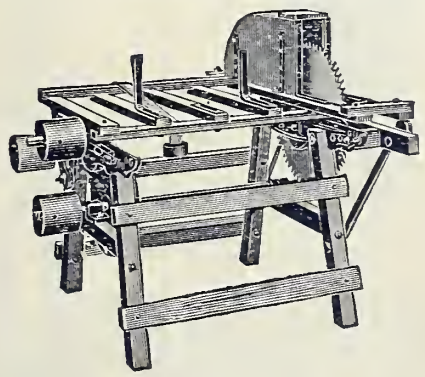
Is adapted to any power from 6 to 20 H. P. Is capable of cutting 2000 feet of board lumber per day with a 6 H. P. Engine and of turning out 10,000 feet with a 20 H. P. Engine. Any size Saw can be used up to 54 inches.

Price of Mill with regular specifications (which will be sent on application), *no Saw*, $290.00 net.

Solid Tooth Saws extra.....

40 inch,	$24 00	48 inch,	$45 00
42 "	28 00	50 "	51 00
44 "	33 00	52 "	57 00
46 "	39 00	54 "	62 00

CIRCULAR SAW MACHINE.

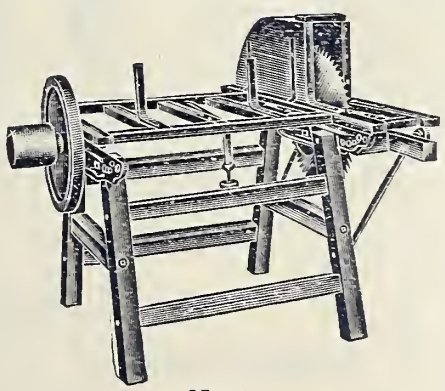


No. 6—Pole

No. 6 with Sliding Table and Balance Wheel placed below for use on poles, complete with 24-inch Saw, $35.00 net.

If 26-inch Saw is wanted, add.....$1 25
If 28-inch Saw is wanted, add..... 2 50

CIRCULAR SAW MACHINE.



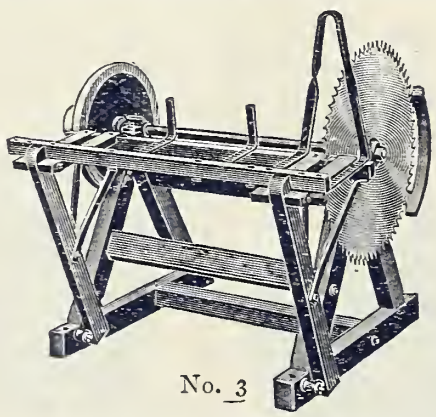
No. 6

No. 6 with Sliding Table complete with 24-inch Saw, $30.00 net.

If 26-inch Saw is wanted, add.....$1 25
If 28-inch Saw is wanted, add..... 2 50

A Ripping Table Attachment can be placed on any of the above Saw Machines, for ripping boards, sawing pickets, lath, etc., extra with 16-inch Saw, $8.50 net.

CIRCULAR SAW MACHINE.



No. 3

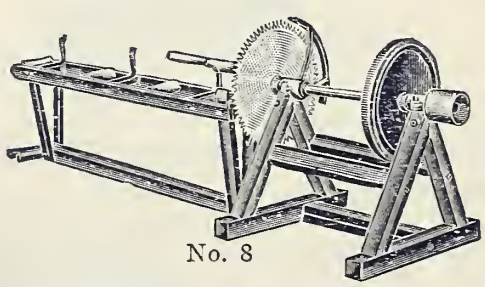
No. 3 with Swinging Table complete with 24-inch Saw, $27.00 net.

If 26-inch Saw is wanted, add.....$1 25
If 28-inch Saw is wanted, add..... 2 50

This Machine is also made with Balance Wheel placed below, No. 5 for use as a Pole Saw. (Called No. 5.)

Price, with 24-inch Saw.....$30 00
If 26-inch Saw is wanted, add..... 1 25
If 28-inch Saw is wanted, add..... 2 50

WOOD POLE SAW.



No. 8

No. 8 extra heavy and very strong. For handling heavier poles than can be handled on other Wood Saws. The Tilting Table is 7 foot long and fitted with Rollers so as to make it easy to move the wood to the Saw. It is provided with Spike Lever to hold wood firmly.

Price, complete with 24-inch Saw.....$40 00
If 26-inch Saw is wanted, add..... 1 25
If 28-inch Saw is wanted, add..... 2 50

The prices on all machines and tools in this Catalogue are net; 5 per cent. will be allowed for cash with order.

STANDARD FLOWER POTS.

No order taken for less than $2 00 worth.
Packed carefully but we will not be responsible for breakage.

				SAUCERS EXTRA.			
		Per Doz.	Per 100		Per Doz	Per 100
2	in. Pots only $		.70	4 in.	.20	$1 00
2½	" " "		.85	5 "	.25	1 55
3	" " "		1 10	6 "	.30	2 15
4	" " "	.35	1.75	7 "	.50	3 35
5	" " "	.50	3.00	8 "	.60	3 85
6	" " "	.65	4 25	9 "	1.00	6 50
7	" " "	1 00	7 00	10 "	1.25	7 00
8	" " "	1 50	9 50	12 "	1.50	9 50
9	" " "	2.00	14 00			
10	" " "	2.50	18 00			
12	" " "	4.50	35.00			

Write for Our Special Circulars on

Wire, Steel and Wood Fencing.

Cedar Tree Tubs.

PAINTED GREEN.

Bag Holder.

This Bag Holder is adapted to all sizes of bags, from a 48 lb. Flour Sack to a six Bushel Gunny Bag. Weighs only 10 lbs.

Net, $4.50.

		Net Price.
27	inches diameter, 24 inch. length of stave,	$5.30
25	" " 22 " " " "	4.80
23	" " 20 " " " "	4.25
21	" " 18 " " " "	3.50
18	" " 16 " " " "	2.75
16	" " 14 " " " "	2 50
14	" " 12 " " " "	2.00
13	" " 11 " " " "	1 75
12	" " 10 " " " "	1.50

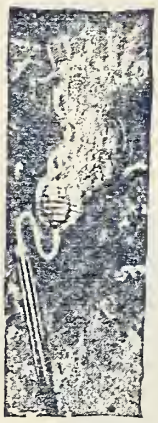
Engineers' Heavy Steel Ash Cans, with Bale.

Size 15 inches by 24 inches,
Net each.....$4 00
Size 17 inches by 24 inches,
Net each..... 4 50
Size 18 inches by 24 inches,
Net each..... 4 75

Indestructible Ash Cans, With 6 Steel Slats.

Size 15 inches by 24 inches.
Net.....$2 50
Size 17 inches by 24 inches,
Net.....$3 00
Covers, extra....35c. and 40c.

Asbestos Torch.



Will burn from 30 to 45 minutes when soaked in kerosene oil. Hold under the caterpillars' nests and pass quickly along the branches and around the trunk of the tree where the insects lodge.
Net .....30 cts.
With Handle.....50 "

POST AUGER.

For 8 inch hole $1.50 Net.

"LITTLE GIANT" Post-Hole Digger.

The blades are made of the best cast-steel, "trowel temper," and the head pieces of the best malleable iron. The length of the steel blade is nine inches, and the extreme length of the tool is five feet; weight, only ten pounds. Price, $1.75

"Hercules" Post-Hole Digger.

Price.....$1.50

DAHLIA POLES, or FLOWER STICKS.

2-foot Sticks		per dozen,	$0 36
2½	"	"	45
3	"	"	54
4	"	"	72
5	"	per dozen,	$0 90
6	"	"	1 08

Painted Green, with White Tips.

2 ft. ½ in. Diam.

3 ft. ⅝ in. Diam.

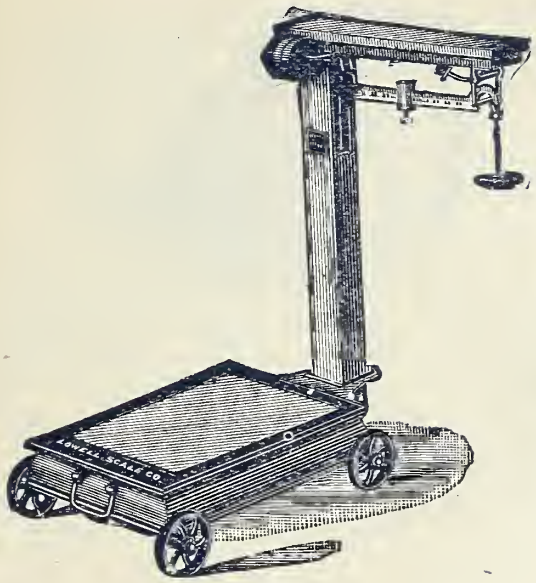
4 ft. ¾ in. Diam.

5 ft. ⅞ in. Diam.

6 ft. 1 in. Diam.

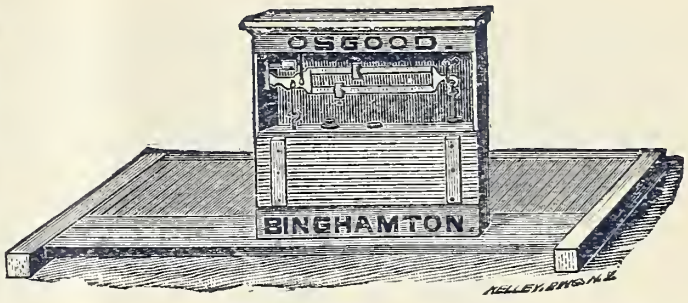
The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

PLATFORM SCALE.



Capacity.	Platform.	Net Price.
600 pounds.	16 x 23	$13 30
800 pounds.	16 x 24	14 50
1000 pounds.	17 x 24	16 00
1250 pounds.	18 x 25	19 50

HAY, STOCK, COTTON AND SUGAR CANE SCALES.

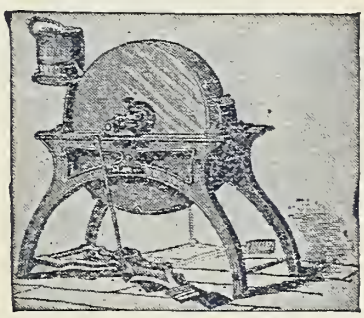


No.	Tons Capacity.	Size of Platform.	Distance from edge of Platform to Beam Rod.	Single Beam. Net.	Double Beam. Net.	Triple Beam. Net.	With Beam Box. Extra net.
1..	3	7x13	2 ft.	$30.40	$32.00	$38.40	$5 "
2..	3	8x14	2 ft.	30.40	32.00	38.40	"
3..	4	8x14	2 ft.	34 40	36.00	42.40	"
4..	5	8x14	2 ft.	38.40	40 00	46.40	6 "
5..	5	10x15	1 ft. 7	40.00	41.60	48.00	"
6..	6	8x15	2 ft. 6	44 00	48.00	53 60	"
7..	6	8x22	2 ft. 1	60.00	64.00	69.60	"
8..	10	8x14	2 ft.	60.00	64.00	72.00	8 "
9..	10	9x18	2 ft.	72.00	76 00	84.00	"
10..	10	8x22	2 ft. 1	76.00	80.00	88.00	"
11..	10	12x22	2 ft.	84.00	92.00	100 00	"
12..	15	8x15	2 ft. 6	88.00	96.00	104.00	"
13..	15	8x22	2 ft. 1	104.00	112.00	120.00	"

Other sizes can be furnished at a small advance.
Above prices are exclusive of timber and foundation, which are to be furnished by the customer.
Beam Boxes are built complete, nicely painted and lettered.

Iron Frame Mounted Grindstones.

With self oiling, self aligning Journals for HAND OR POWER.



Number.	0	0	1
Power Applied by	Treadle or Pulley	Treadle and Pulley.	Pulley.
Size of Stone...	24x2½ in.	24x2½ in.	24x3 in.
Net Price.....	$18 50	$20 00	$19 50
Shield Pan and Bucket, Extra.	$1 00	1 00	1 00
Hand Crank, Extra.....	50	50	50

Number.	2	3	4
Power Applied by	Pulley.	Pulley.	Pulley.
Size of Stone...	27x3½ in.	30x4 in.	36x 5 in.
Net Price..	$27 50	$34 00	$49 00
Shield Pan and Bucket, Extra.	2 00	2 00	3 00
Hand Crank, Extra.....	75	75	1 00

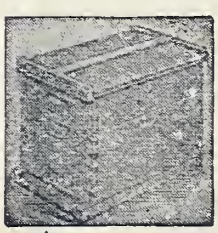
Finished Round Silos.

Complete, Ready for Setting Up and Filling.

Circular and price on application. Kindly state the number of head of cattle you wish to provide ensilage for.

Whiffletrees & Neck Yokes

Heavy Double Whiffletrees.....net, $2 50
" Single " ..... " 75
" Neck Yoke..... " 1 00



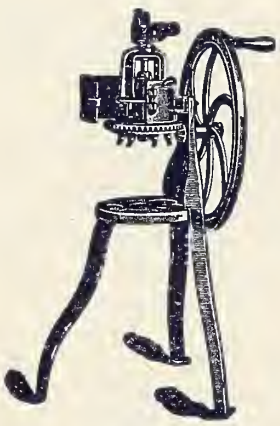
BEE HIVE.

One and one-half story,
.....Net, $4.00

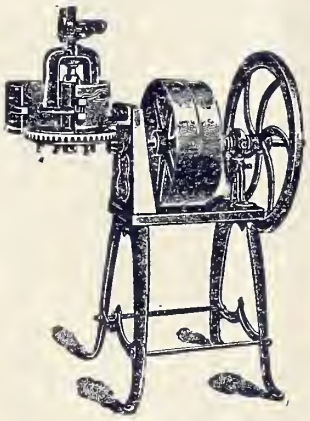
The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

Mann's Bone Cutters.

They will cut fine or coarse, fresh bones with meat and gristle on them, dry bones, pressed scrap, corn on cob, vegetables of all kinds without clogging. Are easy in operation and rapid.



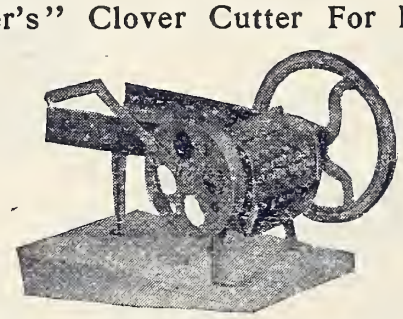
No. 7



No. 11

			Capacity in Lbs. per hour		Net Price
No.	5-B.	With Balance Wheel..	15 to	20	$8 00
"	5-BM.	" Bal. Wheel and Iron Stand	15 "	20	10 40
"	7.	With Balance Wheel..	30 "	60	12 00
"	7½.	Combination Power Cutter.....	50 "	100	16 00
"	9.	Standard Bone Cutter	45 "	75	18 40
"	11.	Combination Power Cutter.....	100		26 00
"	12.	Small Power Cutter...	120 "	150	30 00
"	15.	Large " " ...	150 "	250	60 00
"	14.	" " " ...	150 "	250	76 00

"Silver's" Clover Cutter For Poultry.



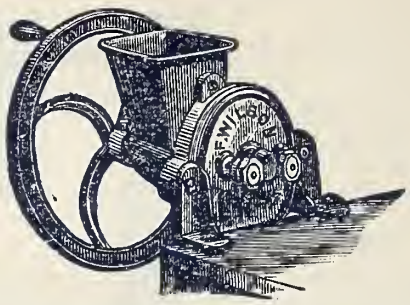
This cutter is intended to be mounted on a box or platform, to make it right height for operator. It is a good feeder, and runs easier, in proportion to capacity, than any similar machine adapted to this class of cutting.

Has four spiral knives, 7 inches long; the throat is full width of cutting surface; the length of cut is ⅛-inch. Net..... .....$8 00

Nest Egg.

4 cents each.
30 cents per dozen.

WILSON'S BONE AND SHELL MILL.



They are a *complete success* for crushing oyster shells, grinding bone meal, and all kinds of grain, coarse or fine, for family or stock use. Also grind corn and cob. *A peck of shells* can be crushed in *15 minutes.* They are made in the *very best manner.* They can be adjusted for grinding either *coarse or fine.* Whole oyster shells can be put in the Mill, as well as bones of the same size.

		Net
No. 1, Hand Mill.....	Price,	$4 25
" " " on iron legs.....	"	5 95

Round Poultry Fountains.

1 gallon, 55 cents.
2 " 75 "

Sanitary Self-Feeding Boxes.

Made of Heavy Galvanized Iron.

Net Price.....50 cents.

Grain and Scrap Feeder..75 "

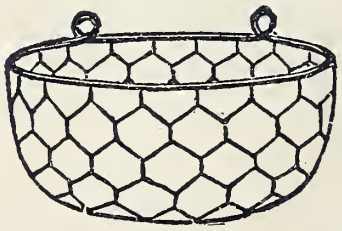
Farmer's Baskets.

Best Oak Splint.

	Each
Bushel	80c.
1½ bushel.....	1.25
2 "	1.50
3 "	2.25

Galvanized Steel Baskets

1 Bushel	$ .90
1½ "	1.15



Wire Hens' Nest.

These Nests are intended to be fastened with two screw hooks. They afford no place for vermin and allow a free circulation of air.

Made of Steel Wire Japanned.

No. 1, 2 inch Mesh.....Net, per dozen, $1 50
No. 2, 1½ " " ..... " " " 2 00

Swinging Food Tray for Poultry.

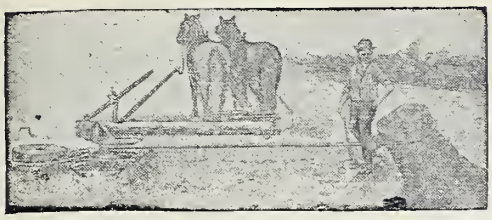
Hens cannot scratch the food out or dirt in. Legs fasten anywhere.

18 in.....	$ 90
27 "	1 15
36 "	1 35

Galvanized Fountains.

2 Gals.....	$1 75
4 "	2 35
5 "	2 50

The Triumph Stump Puller, for one or two horses.



Is one of the strongest and most simple manufactured, and when directions are followed, they will do all the makers claim. *The sweeps and lead poles are not furnished* as customers can cut same and save freight.

No.	For Sweep. Long.	Will Pull Stumps.	Has Anchor Rope.	Has ¾ in. Steel Pull Rope. Long.
2.	12 ft.	12 in.	6 ft. loop,	50 ft.
3.	14 ft.	15 in.	25 ft. rope,	50 ft.
4.	16 ft.	30 in.	25 ft. rope,	75 ft.
5.	20 ft.	48 in.	25 ft. rope,	75 ft.

No. 2. No. 3. No. 4. No. 5.
Net prices, $45.00, $60.00, $70.00, $90.00

EXTRAS.

Double Hitch Rope, 12 feet long, with loop and hooks, $8.50.

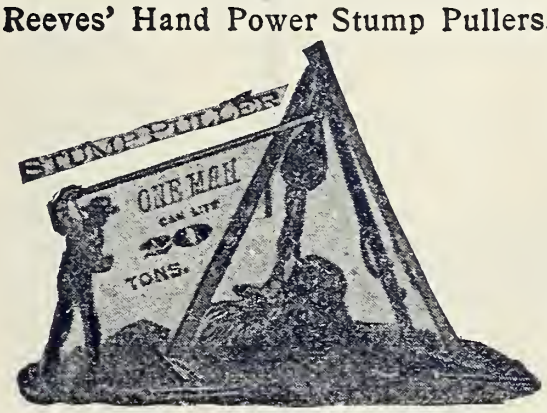
If work to be done is too heavy for ¾ inch rope on a direct pull, then use a patent snath block or a multiplying pulley and avoid breaking rope.

Patent Snath Block, net, $20.00.

Combination Pulley Blocks, net, $19.50.

Rope Shortener, with Hitch Rope, net, $8.50.

Reeves' Hand Power Stump Pullers.

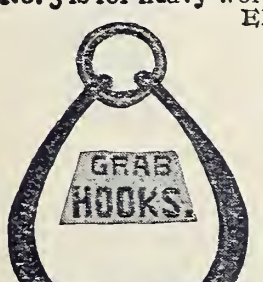


Made in six sizes. Guaranteed to lift *one ton with ten pounds on end of the ten foot lever.*

The prices below are for machines, including block chain, root chain, runners, 10 foot lever, 12 foot derrick, with little chains and rods, wheels and yoke and lower pulley, in fact everything *not mentioned in the list of Extras below.*

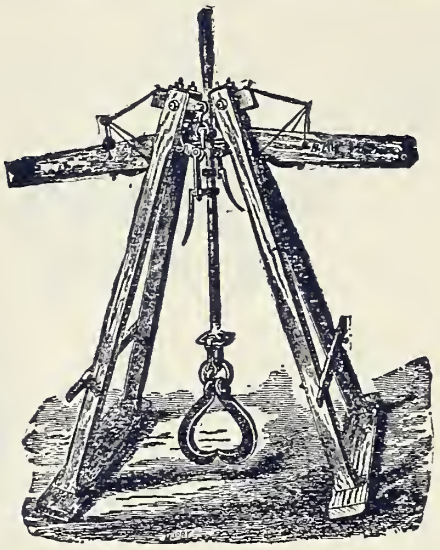
	Net Price.
A is used mainly for grubbing, stone lifting, etc.	$30 00
No. 1 is used mainly for heavy grubbing, light grade of stump pulling	40 00
No. 2 is used mainly for heavy grubbing, light grade of stump pulling	45 00
No. 3 is used mainly for medium to heavy work	50 00
No. 4 is especially adapted for general purposes	60 00
No. 5 is for heavy work	80 00

EXTRAS.



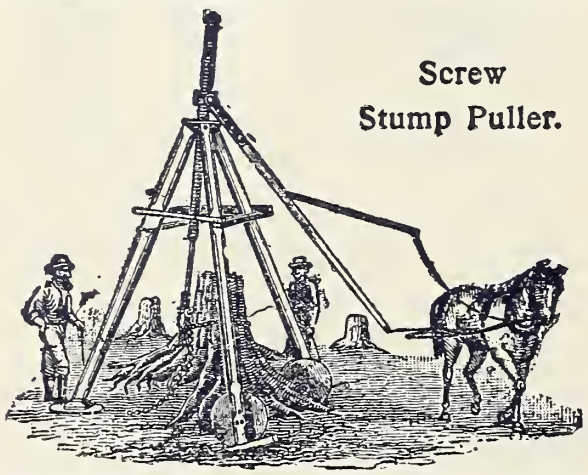
Grab Hooks, used in place of Root Chain, for A Machine	$6 00
Nos. 1, 2, 3 Machines	8 00
" 4 Machine	10 00
" 5 Machine	11 00
Stone Hooks for size 2 Machine	6 00
Steel Block Chain (in place of iron chain furnished with the Machine)	6 00
Longer Chain, with 14-foot Derrick, for either size	3 00
Short Light Root Chain	3 00

The Pioneer Stump Puller and Rock Lifter



This is a good-cheap stump machine, for light work.

Prices, complete, with grapples, and ready for work: No. 1, the largest size, worked by four men will raise 50,000 pounds, weighs 450 pounds, and costs $76.50 net. No. 2, the next size, worked by three men, will raise 35,000 pounds, weighs 300 pounds, and costs $58.50 net. No. 3, the next, strong enough to raise 25,000 pounds, light enough to be moved easily by two men, with action quick enough to pull one hundred stumps per day, can be had for the low price of $45.00 net; it weighs about 250 pounds. No. 4, the small size, for light stumps and peach trees, price, $40.50, net.



Screw Stump Puller.

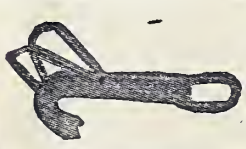
Each machine is furnished with a root chain for attaching to the stump to pull it, also a wrapping chain to wrap the stump and prevent it splitting. From four to six revolutions of the horse around the machine raises the stump one foot. Requires only one man and one or two horses to work it, and pulls the largest stumps with ease.

WROUGHT SCREW MACHINE.

Size.....Nos.	1.	2.	3x.	4.
Height of machine, feet,	12	16	18	18
Diameter of screw, ins.,	2½	3	3½	4
Weight of irons, pounds,	500	800	1100	1300
Weight, complete. "	1000	1600	2400	2800
Price, irons only	$75 00	$100 00	$125 00	$150 00
Price, complete	95 00	125 00	150 00	175 00

CAST SCREW MACHINE.

Size.....Nos.	2.	3x.	4.
Height of machine, feet,	16	18	18
Diameter of screw, ins.,	4	5	6
Weight of irons, pounds,	900	1200	1400
Weight, complete, "	1700	2500	2900
Price, irons only	$100 00	$125 00	$150 00
Price, complete	125 00	150 00	175 00

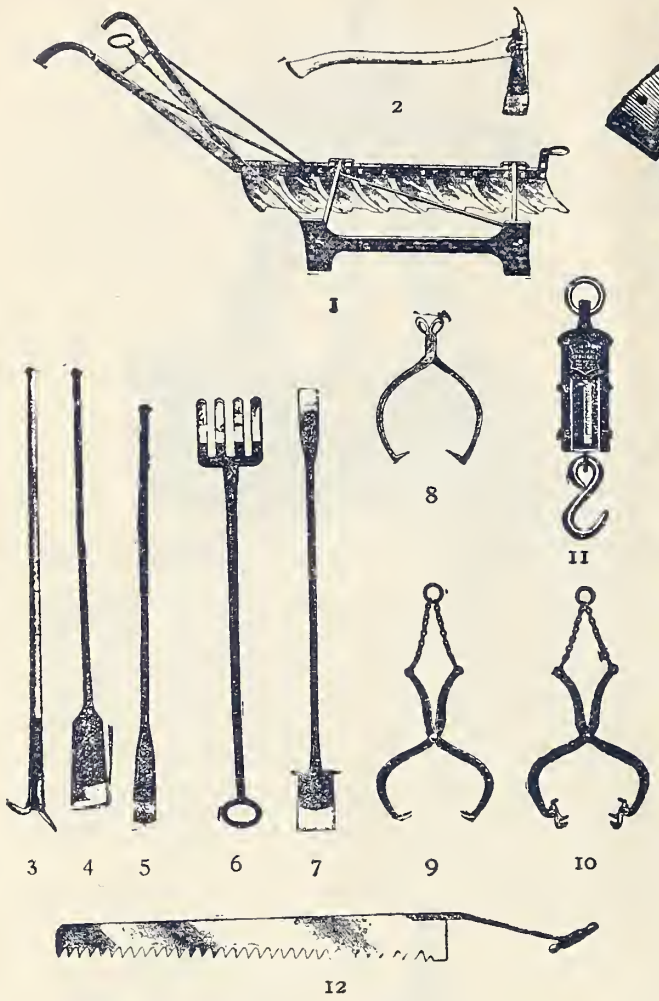


Steel Root or Stump Hook.

No. 1	weight 50 lbs.	net	$10 00
" 2	" 65 "	"	11 50
" 3	" 75 "	"	13 00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

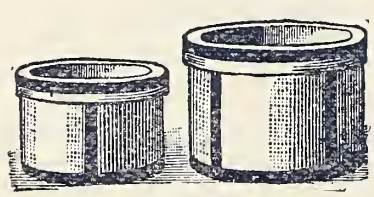
ICE TOOLS.



SPECIAL ICE PLOW.

Similar to No. 1, with 5 Cutting Teeth.

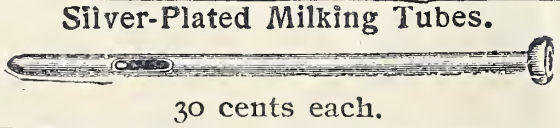
	Net.
8 inches, with Improved Clearing Tooth and 22 inch Swing Guide	$27 00
10 inches, with Improved Clearing Tooth and 22 inch Swing Guide	33 00
Adjustable Swing Guide for marking, 14 to 22 inch, extra	3 00
No. 2. Ice Axes, each, net,	$1 75
" 3. Ice Hooks, 5 feet, each	85
6 " "	90
8 " "	95
10 " "	1 00
12 " "	1 25
" 4. Bar Chisel, net,	3 50
" 5. Splitting Chisel "	2 40
" 6. Fork Bar "	4 75
" 7. Breaking Bar "	3 50
" 8. Hand Tongs, medium "	1 10
large "	1 35
" 9. Double Claw Hoisting Tongs "	4 75
" 10. Adjustable Claw Hoisting Tongs "	6 50
" 11. Ice Scales, 200 pounds by 5	3 00
300 pounds by 5	3 50
" 12. Ice Saws, 4 foot, $4.00; 5 foot	4 00



Wooden Measures.

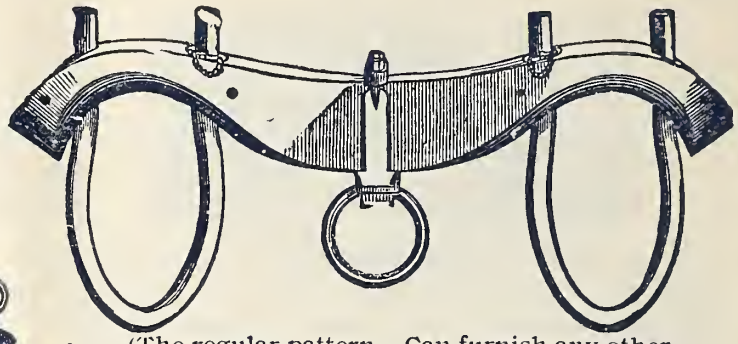
½ bush. size, 80c
Peck " 45c
4 Quart " 35c
2 " " 25c
1 " " 15c
Nest of above 5 sizes. $2.00.

Silver-Plated Milking Tubes.



30 cents each.

OX YOKES.

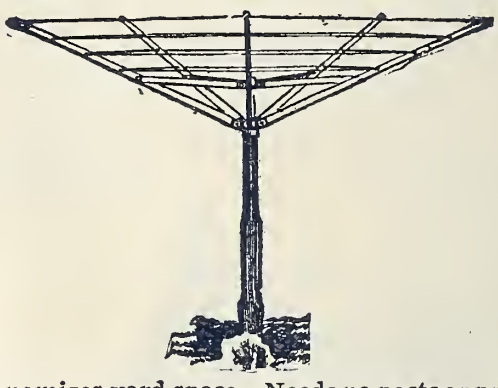


(The regular pattern. Can furnish any other styles required.)

PRICES, COMPLETE.

No. 1. 7 inches on neck, net,	$6.50
" 2. 7½ " " " "	7.00
" 3. 8 " " " "	7.25
" 4, 8½ " " " "	7.50
" 5, 9 " " " "	8.00
" 6, 9½ " " " "	9.00
Ox Bows, per pair	$1.00 and 1.25

Champion Folding Clothes Dryer.



Economizes yard space. Needs no posts or props. Is always ready for use. The only self-fastening clothes dryer in the market.

No. 1. Four-arm, 6 feet long, 100 feet line, net, $4.50

"

LITTLE GIANT WAGON JACK.

No. 1, net,	$1 80
No. 2, "	2 20
Acme, "	1 50

SAMSON WAGON JACKS.

THE BEST.

No. 0, net,	$2 25
No 1, "	3 00
No. 2, "	3 45

Transplanting, Draw Subsoil and Post Spades

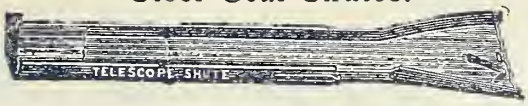
Blades, 16 inches long, Net, $1 75

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

THE KEYSTONE CALF FEEDER.

No more trouble teaching Calves to Drink. Net $1.50

Steel Coal Shutes.



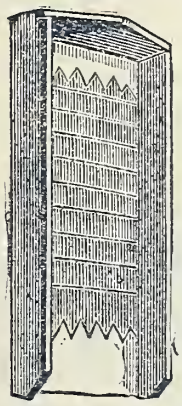
TELESCOPE PATTERN. Slides are 12 ins. wide.

No. 1, 8 feet long with 5 foot slide, available length, 12 feet .....net $13 50
No. 2, 10 feet long with 7 foot slide, available length, 16 feet .....net $18 00
No. 3, 12 feet long with 9 foot slide, available length, 20 feet .....net $22 50

TAPERED WAGON SHUTES.

21 inches wide at top. 12 inches wide at bottom.

No. 4. 8 feet long.....net, $6 00
No. 5. 10 " " ..... " 7 50
No. 6. 12 " " ..... " 9 00



Sand and Coal Screens.

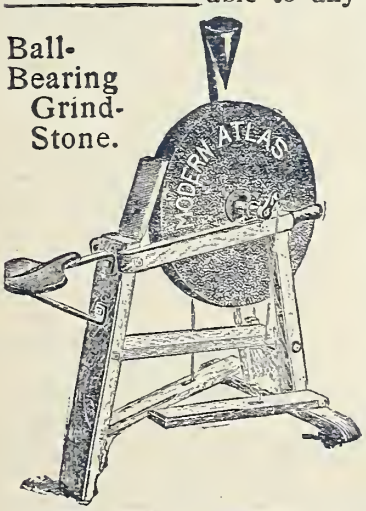
		Net.
FOR SAND.		
No. 22, Small size,	22x60 ins.	$5 00
No. 26. Large "	26x66 "	6 00
CHALLENGE COAL.		
29 x 71 inches.....		6 75

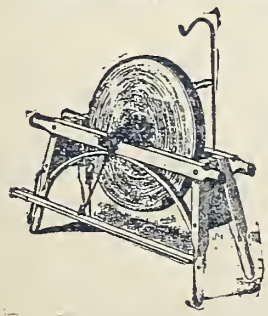
The Modern Atlas is absolutely the strongest, most rigid and all-around best grindstone ever made. It is fitted with ball-bearings, which make it run easy. It has a comfortable seat which is adjustable to any length leg The power is applied on the correct mechanical principle, the operator using both legs obtains almost double the power obtained with a hand crank, besides running at a much higher speed, and having both hands free can perform faster and better work Stones are clean carefully selected Berea grit, 20 to 22 inches in diameter, 2 to 2½ inches thick.

Weight, about 60 pounds.

Price....$6 00 net.

Ball-Bearing Grind-Stone.





Mounted Grindstones.

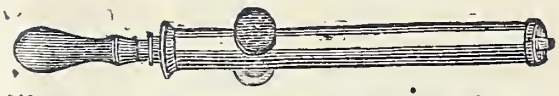
(Frames painted blue.)

Arranged for both hand and foot power.

No. 1, Large size, net, $4 85
No. 2, Medium " " 4 50
No. 3, Small " " 4 25
Stones, not mounted, per pound.....net, 03½
Fixtures, without frame and treadle.....net, 75

For Power Stones see Page 50.

BRASS GARDEN SYRINGES.



These are of various sizes. The cut shows the American Brass Syringe, made with the ordinary plain jet, and with two roses of different sized holes, which are attached to the sides of the syringe when not in use, and represent numbers 10, 10½ 11 & 11½. When provided for in this way the roses are less liable to be lost.

	Net.
No. A, 12 in. long, with one Stream and one Spray Rose	$2 25
No. B, 13½ in. long, with one Stream and one Spray Rose	2 75
No. 10, 18in.x11½in., has Cone Valves, two Spray Roses and Jet Side Attachment	$6 00
No. 10½, same as No. 10 except has one Spray Rose	5 50
No. 11, 18in.x11½in., Oven Roses, two Spray Roses and Jet Side Attachment	5 00
No. 11½, same as No. 11, except has only one Spray Rose	4 25

Cultivator Teeth With Bolts.

1-1-2	inch.	.10 cts.
2	"	.12 "
3	"	.13 "
4	"	.14 "

Plow & Cultivator Bolts.

Round and Square Heads, all sizes.

Steel Harrow Teeth.

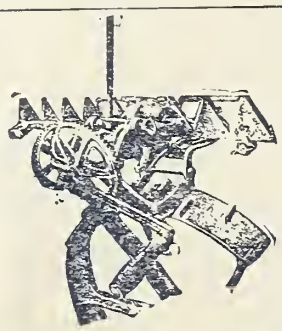
½	inch.....	6c. Each
⅝	"	8c. "
¾	"	15c. "
⅞	"	20c. "

Mowing Machine Knives and Sections for all Makes of Mowers.

When ordering knives give the number that is on the knife head, and number of cutting sections.

When ordering sections send one of the old ones.

PRICES ON APPLICATION.



Mower Knife Grinder.

It will grind sections of different sizes and give them a bevel equal to new, can be attached to mower wheel, bench or table. $4.50 net.

Binding Twine.

Pure Sisal

Pure Manilla.

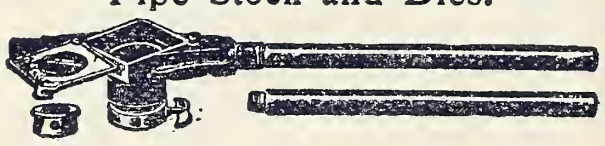
PRICE ON APPLICATION

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

STILLSON WRENCHES.

With Wood Handles..... 6 to 18 inches
Steel Handles.....18 to 48
Lengths when open, in. 6, 8, 10, 14, 18, 24, 36
For Pipe up to " ½, ¾, 1, 1½, 2 2½, 3½
Net Price, $1.10 1.20 1.35 1 8 2.40 3 10 7 20

Pipe Stock and Dies.



No.	Threads.	Dimensions of Dies.	Die Plate Complete.
0	⅛ to ½	2 x ½	net, $6.23
1	¼ " 1	2½ x ¾	" 10.00
1½	¾ " 1¼	3 x ¾	" 11.00
1¾	1 " 1½	3 x ¾	" 12.00
2	1¼ " 2	4 x ⅞	" 13.00
3	2½ " 3	5 x 1¼	" 29.00

Nos. 2 and 3 have Leader Screws.

Pipe Taps and Reamers.

Size, Inches....	⅛,	¼,	⅜,	½,	¾,	1,	1¼
Net Price, each.	.67	.75	.90	1.12	1.50	1.87	2.25
Size, inches....	1½,	2,	2½,	3.	3½	4	
Net Price, each.	2.77	3.75	6 00	9.00	13.20	19.88	

Pipe Cutter.

No. 1. Cutting from ⅛ to 1¼ inch Pipe.....Net, $3.00
No. 2. Cutting from ½ to 2½ inch Pipe.....Net, $4.20
No. 3. Cutting from 1½ to 4 inch Pipe.....Net, $6.00

Hinged Pipe Vises.

No. 1. Takes from ⅛ to 2½ inch Pipe.....Net, $4.00
No. 2. Takes from ¼ to 3½ inch Pipe.....Net, $6.50

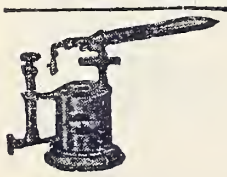
Shephard's New Vises

Jaws 2½ in. wgt. 10 lbs, net $1.90
" 3½ " " 16 " " 2 25
" 4 " " 30 " " 3 75
" 4½ " " 44 " " 5.50
Prices furnished on any style of vise on application.

STEEL ANVILS

State Weight Wanted

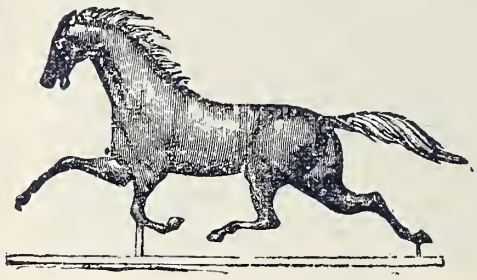
Net price 11½c. per lb.

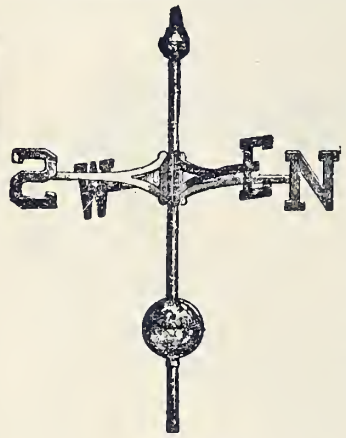


Gasoline Blow Torch

Net $3.50

Copper Weather Vanes.





HORSE.

COMPLETE.

SWELL BODIED.

25 in. long, net, $10 50
31 " " " 14 00

FULL BODIED.

33 in. long, net, $24 50
36 " " " 29 20
39 " " " 30 80
42 " " " 35 00
48 " " " 52 50

Gilded with Pure Gold Leaf.

Prices and Cuts of other designs upon application.

BOLSTER SPRINGS.

This spring applied to your rough wagon will permit you to haul anything with the same satisfaction as on an expensive spring wagon. Applied without any change whatever in the bolsters. When ordering give width between bolster standards, and capacity required.

NET PRICE PER SET.
Distance Between Standards.

Capacity. lbs.	38 inches.	40 inches.	42 inches.	44 inches.
1000	$6 00	$6 30	$6 60	$7 20
1500	6 60	6 90	7 20	7 80
2000	7 20	7 50	7 80	8 40
2500	7 80	8 10	8 40	9 00
3000	8 10	8 40	8 70	9 30
4000	8 40	8 70	9 00	9 60
5000	9 00	9 30	9 60	10 20
6000	10 80	11 10	11 40	12 00
8000	13 20	13 50	13 80	14 42

Timber Dolly.

With Heavy Wood Roller. 6 inches in diameter by 12 inches long.
Frame 19½x26 inches.
Net Price.....$6 00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

ADZE EYE RAILROAD PICKS.

	Each.		Each.
Best, 6 to 7 lbs.,	$0 90	Good, 7 to 8 lbs.,	$0 60
Good, 5 to 6 lbs.,	50	Handles, extra,	25
Good, 6 to 7 lbs.,	55		

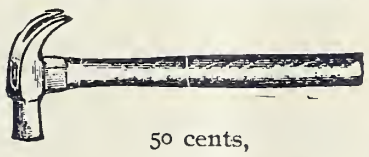
COE'S MONKEY WRENCHES.

6 in.....50 c. | 10 in....75 c.
8 " .....60 c. | 12 " ....90 c.

ADZE EYE PICK MATTOCKS.

Best..each, $0 90 | Good, each, $0 85
Handles, extra..... " 25

ADZE EYE CLAW HAMMERS.



50 cents,

ADZE EYE AXE MATTOCKS.

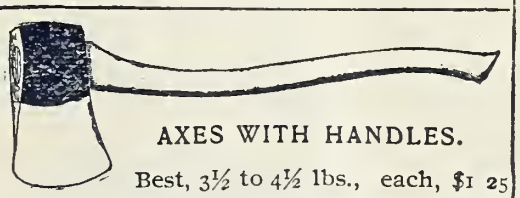
Best, Long Cutter.....each, $1 00
Good, " " ..... " 85
Handles, extra..... " 25

HATCHETS.

Claw.....No. 2, 55 c.; No. 3, 60 c.
Shingling...No. 2, 55 c.; No. 3, 60 c.

GRUB HOES.

No.		Each.
3.	Best, 4 inch.....	$0 95
0.	Good, 3½ ins...	50
1.	" 3¾ " ...	60
2.	" 4 " ...	70
3.	" 4½ " ...	80
Handles, extra.....		25



AXES WITH HANDLES.

Best, 3½ to 4½ lbs., each, $1 25

STEEL CROW BARS.

Wedge point, 10 to 24 pounds.
6½ cents per pound.

PLANTERS' or CORN HOES.

HALF BRIGHT.

No. oo,	6½ in...	$0 30
" 0,	7 " ...	33
" 1,	7½ " ...	35
" 2,	8 " ...	40
" 3,	8½ " ...	45
" 4,	9 " ...	50
Handles, extra,		25

RATTAN BROOMS.

16 inches, 6 rows, handled, 70 cts.

COBBLE HAMMER.

With handle.....net, $3 25

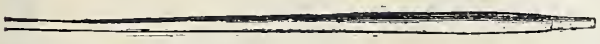
STEEL SPLITTING WEDGES.

For Wood, per pound, $0.10.

HICKORY AND ASH HANDLES.

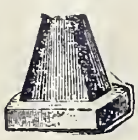
STEEL SLEDGES.

Per pound, 11 cents.



36 inch Axe Handle.....	25	cents.
36 inch Pick Handle.....	25	"
36 inch Maul Handle.....	25	"
D Shovel and Spade Handles.....	25	"

Long Fork Handles.
5 foot, 15 cents; 6 foot, 20 cents; 7 foot, 25 "
Rake Handles.
5 foot, 12 cents, 5½ foot, 15 cents; 6 foot, 18 "



Square Pounder, with handle, $1.25.

Round Pounder, with handle, $1.10.

STEP LADDERS

Ft.	Best. Net.	Good. Net.
3	$1 50	$1 25
4	1 80	1 50
5	2 10	1 75
6	2 40	2 00
7	2 70	2 25
8	3 00	2 50
9	3 30	2 75
10	3 60	3 00
12	4 80	....
14	7 20	....
15	7 80	....
16	8 40	....
18	9 60	....
20	10 80	....

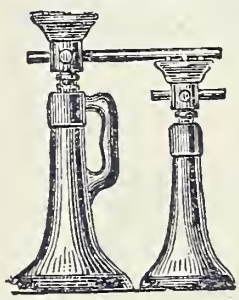
EXTENSION LADDER.

Sizes 20 to 32 feet,
35 cents per foot net.
Sizes 34 to 42 feet,
38 cents per foot net.
In ordering allow two feet for lap.

LONG LADDER.

Sizes 8 to 18 feet,
23 cents per foot net.
Over 18 feet,
28 cents per foot net.

BELL BOTTOM JACK SCREWS.



Diam. of Screw, Inches.	Length Barrel, Inches.	Price.
1¼	6	$1 86
1½	8	2 55
1½	10	2 85
1¾	8	3 00
1¾	12	3 75
1¾	16	4 50
2	10	3 15
2	14	4 95
2	16	5 55
2	20	6 90

Diam. of Screw.	Length Barrel.	Price.
2¼ inches,	10 inches,	$4 95
2¼ "	14 "	6 00
2¼ "	16 "	6 60
2¼ "	20 "	7 95
2¼ "	24 "	9 45
2½ "	10 "	5 85
2½ "	12 "	6 45
2½ "	16 "	7 95
2½ "	20 "	9 45
2½ "	24 "	10 95

TAPE LINES.

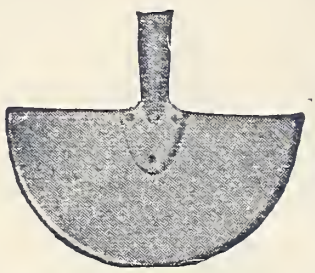
Half-inch Oiled Cotton.
Low Priced for Family Use.
25 ft., 50 c.; 50 ft., 75 c.; 100 ft., $1.25.
Chesterman's

25 feet.	50 feet.	75 feet.	100 feet.
$1 80	$2 60	$3 30	$4 20

Made with any name or initial for marking tools. ¼, ⅜ or ½-in. letters. Price, with 6 letters or less, $2.00. Additional letters, each, 20c.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

GRASS EDGING KNIVES.



PRICE, WITH HANDLE.
9-inch..... 50 10-inch... 60

SOLID STEEL SHANK TROWELS.

5-inch Blade....35 6 inch Blade....40
7-inch Blade....45
Common 5, 6 and 7 inch Blades..... 07

TRANSPLANTING TROWELS.

Heavy 8 inch.....$0 25

WOOD HANDLE DIBBERS.

Small.....$ .30 Large.....$ .35

EXCELSIOR WEEDING HOOK.

9 Cents

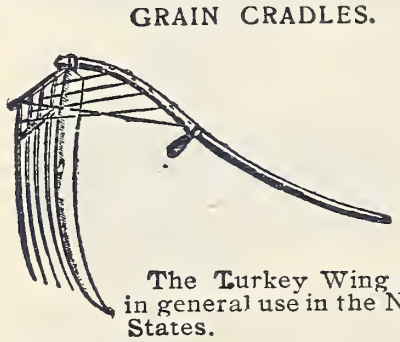
STEEL POTATO KNIVES.

30 Cents.

TREE SCRAPERS.

50 Cents

GRAIN CRADLES.



The Turkey Wing pattern in general use in the Northern States.

With Four Fingers.....$3.25 Net
" Five " ..... 3.50 "
Scythe Blades only..... 1.10 "

TWO MAN CROSSCUT SAW.

Has lightning teeth
Price with handles, 5 ft. Net $3 25
6 ft. Net $3.50 7 ft. Net $3 50

ONE-MAN CROSS CUT SAW.

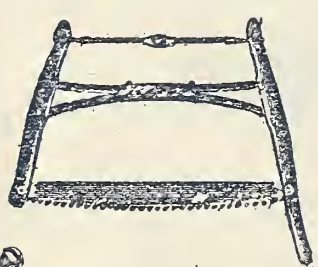
3-foot, $1 90; 4-foot, $2 00

Hand Cross Cut Saw.

No. 1 26 inch Cross Cut....$1 25
" 1 26 " Rip 1 25

BUCK SAW.

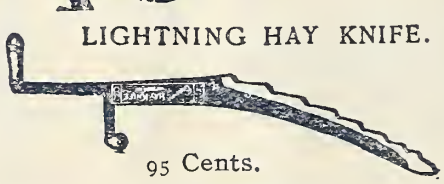
Good, $ .90
Best, 1.00



SAW BUCK.

35 Cents.

LIGHTNING HAY KNIFE.

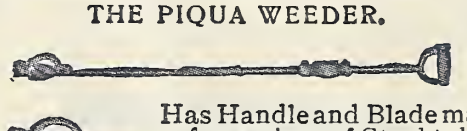


95 Cents.

CORN KNIFE.

35 Cents

THE PIQUA WEEDER.



Has Handle and Blade made of one piece of Steel tube.
Net Price 1.25

TOMATO SUPPORTS.

Made of Heavy Galvanized Wire.
Height Complete, 34 inches.
Diameter of Circle, 14 inches.
Each.....15 cents.
Per dozen.....$1 55

Carnation Supports.

Per dozen, 60 cents.
" hundred $4 00
" thousand, 38 00

WIRE FRUIT PICKER.

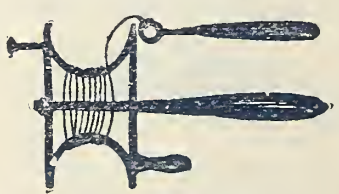
45 Cents.

SUN DIALS.

Net.

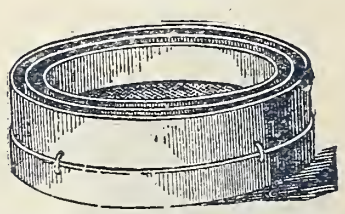
Made of Bronze... 6.00

GARDEN LINE REELS.



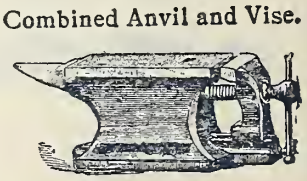
Reels .60 and .80.
GARDEN LINES. Braided linen, 100 feet .55.

OAT SIEVES.



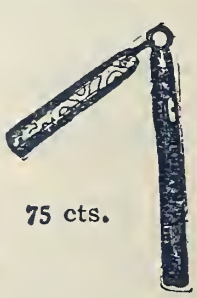
Elm Rims—12 Mesh Steel Wire, made with Cross Bars.
14 inch.....Net. 50 cts.
16 " ..... " 55 "
18 " ..... " 65 "

Combined Anvil and Vise.



Net $3.00

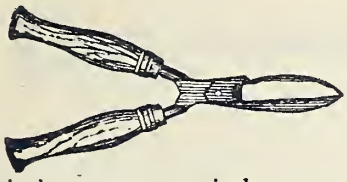
Eureka Fumigator. Thrashing Flail



75 cts.

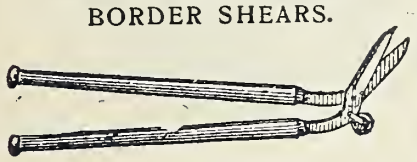
No. 1. 12 inches high, Net..$1 75
No. 2. 16 inches high, Net.. 2 00
No. 3. 20 inches high, Net.. 2 50

Hedge Shears.



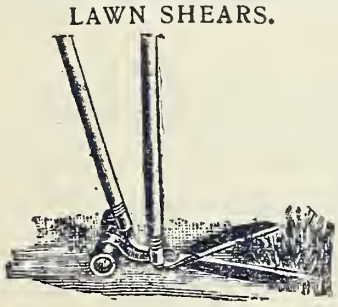
8-inch..... 1 20 9-inch..... 1 45
10-inch..... 1 70
With notch, 25 cents extra.

BORDER SHEARS.



8 in., $2 20; 9 in., $2 45; 10 in., $2 70
With wheel, 35 cents extra.

LAWN SHEARS.



Price, with two wheels, 9 inch blades, $2 80 net.

GRASS and SHEEP SHEARS.

7 inch blade....net, 90 cents.

VINE SCISSORS.

5 in.. 75c., 6 in.. $1 00; 7 in , $1 25

FLOWER GATHERERS.

75 cents.

Axe-Handled Bush Hooks.

$1.00.

ENGLISH SCUFFLE HOES.

Net Price—WITH HANDLE.

5 in. 55c.	7 in., 65c.	9 in. 75c.
6 in.. 60c.	8 in.. 70c.	10 in. 80c.

PRUNING KNIVES.

Price, 75 c., $1.00, $1.25.

BUDDING KNIVES.

$1.00, $1.35. net.

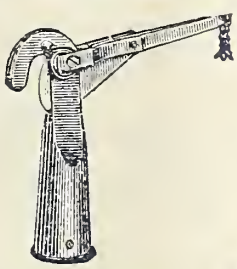
COMBINED PRUNING SAW and CHISEL.

Plain..... net, $0 90
With handle..... " 1 20

WATERS' IMPROVED TREE PRUNER.

Length of Pole.	*Net Price.*
4 feet.....	$0 70
6 "	80
8 "	90
10 "	1 00
12 "	1 10
Extra knives, each,	20

"Telegraph" Pole Pruner.

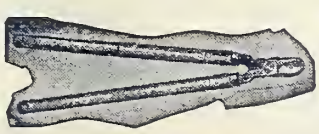


Without Pole. $1.00.

Nail Puller

Net $1 25

ENGLISH LOPPING SHEARS.



No.		Net.
1, 20 in.	handles.	$1.85
2, 24 "	"	2.10
3, 28 "	"	2.35
4, 32 "	"	2.55

American, 1.50

PRUNING SAWS.

18 inch....90 cents. | 20 inch.....$1 00

Hand Pruning Shears.

Best, No. 1	$1 75	Best, No. 3	$1 25
" " 2	1 50	Good, " 1	75
Common			30

English Grass Hooks, Riveted Back.

No. 2, 30c. ; No. 3, 35c.; No. 4, 40c., net.

With Solid Back.

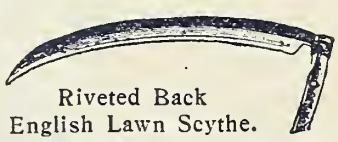
No 3.....30 cents.

SOLID STEEL GRASS SCYTHE.

The New York pattern of Grass Scythe, made of the best silver steel, nicely tempered, also ground and set, ready for use in lengths from 30 to 40 inches.

30 and 32 inches.....90 cents.
34 and 36 inches.....90 cents.
38 and 40 inches.....90 cents.

Riveted Back English Lawn Scythe.



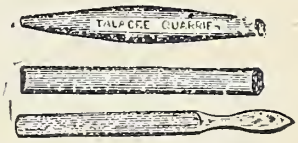
The English Lawn Scythe has a very thin steel blade riveted to a strong iron back.

Length :
30 in.$1.00
32 in. 1.10
34 in. 1.20
36 in. 1.30
38 in. 1.40

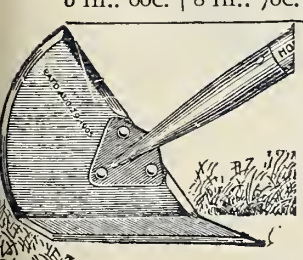
Bush and Weed Scythes.

Made of cast steel, with blades wide and heavy for rough work. The "Bush" varies in length from 16 to 24 inches, 90 cents. The "Weed" varies in length from 24 to 30 ins., 90 cents.

Scythe Stones and Rifles.



"Sir Pike" Round and Tapered.....15 cts
Flat ..... 5 "
3 Coated Rifles..... 7 "

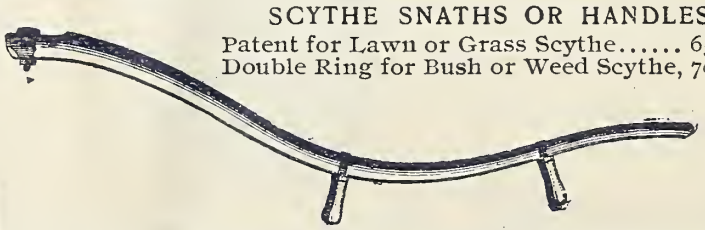


Hoe and Edger.

Has five cutting edges.

Price with handle, 90 cents.

SCYTHE SNATHS OR HANDLES.



Patent for Lawn or Grass Scythe..... 65 cts.
Double Ring for Bush or Weed Scythe, 70 cts.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

Cast-steel Spading Forks.

4-Prong, Diamond Back, W. D. Handle, Plain Ferrule..... 90
4-Prong, Diamond Back, W. D. Handle, Strapped Ferrule..... 1 00
4-Prong, Diamond Back, Long Handle, Plain Ferrule..... 90
4-Prong, Diamond Back, Long Handle, Strapped Ferrule..... 1 00
5-Prong, Diamond Back, W. D. Handle, Plain Ferrule..... 1 20
5-Prong, Diamond Back, W. D. Handle, Strapped Ferrule..... 1 30

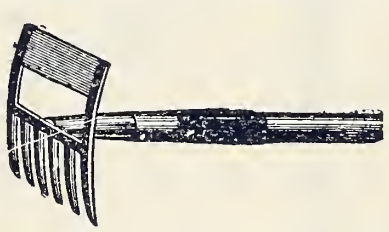
Cast-steel Garden and Gravel Rakes.

6-Tooth,	5½-ft.	Handle		40
8 "	"	"		40
10 "	"	"		45
12 "	6 ft.	"		50
14 "	"	"		55
16 "	"	"		60
18 "	"	"		65
20 "	"	"		80

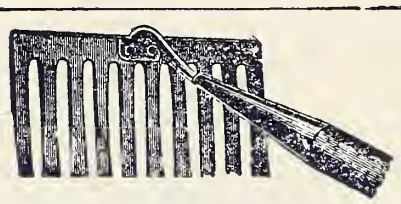
Malleable Iron Rakes.

12-Tooth, 6-ft. Handle.....Each 30
14 " " " ..... " 35

COMBINED HOE RAKE.



4-Tooth..... 40
6 " 45



HUMPHREY HOE

65 Cents, Net.

Patent Plain Back Solid Cast Steel Shovels.
Either D or Long Handle.
Square or Round Point.

Best No.	2	each	$1 10
" "	3	"	1 20
" "	4	"	1 30
Good "	2	"	65
" "	3	"	70
" "	4	"	90

Patent Plain Back Solid Cast Steel Spades.
Either D or Long Handle.

Best, No.	2	each	$1 10
Good, "	2	"	65

Back Strapped Coal Scoops Cast Steel.

	No. 2	No. 3	No. 4	No. 5	No. 6
Each,	70	80	85	90	1 00

Wood Scoops.

Net..... $1.25

Cast-steel Manure Forks.

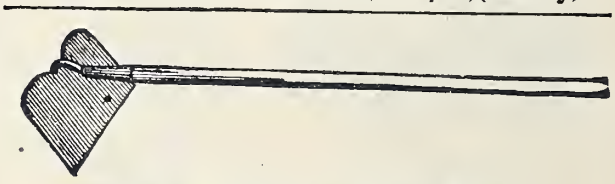
4-Tine Oval W. D. Handle Plain.....Each 85
4-Tine Oval W. D. Handle, Strapped, " 90
4-Tine Oval Long Handle, Plain..... " 80
4-Tine Oval Long Handle, Strapped... " 85
5-Tine Oval W. D. Handle, Strapped, " 1 10
6-Tine Oval W. D. Handle, Strapped, " 1 20

Long Island Pattern Manure Forks.

4-Tine Diamond W. D. Handle, Plain....each 1 20
4-Tine Diamond W. D. Handle, Strapped, " 1 40
5-Tine Diamond W. D. Handle, Plain.... " 1 40
5-Tine Diamond W. D. Handle, Strapped, " 1 50

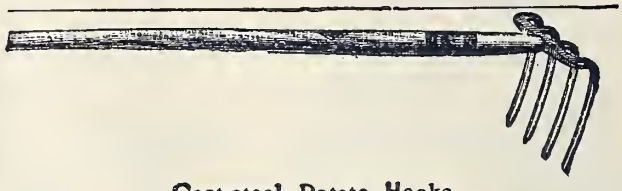
Cast-steel Hay, Straw and Barley Forks.

2-Tine 12 in. Oval, 5-ft. Handle, Plain (Hay), $0 50
2-Tine 12 in. Oval, 5-ft. H'ndle, Str'p'd, (Hay) 60
3-Tine 12 in. Oval, 5-ft. Handle, (Hay)..... 60
3-Tine 12 in. Oval, 5-ft. H'ndle, Str'p'd, (Hay), 65
3-Tine 15 in. Oval, 6-ft. H'ndle, Str'p'd, (Barley)



Cast-steel Field and Street Hoes.

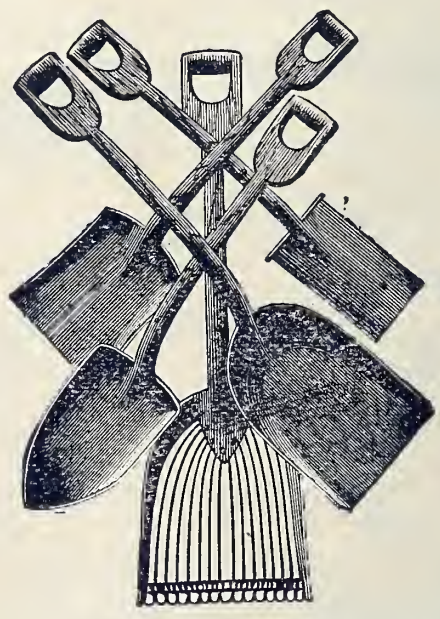
Solid Shank Field Hoe, with Blades 6 to 8 in. Each $0 45
Socket Field Hoe, with Blades 6 to 8 in. Each 50
Solid Shank Street Hoe, with Blades 10 in. 70



Cast-steel Potato Hooks.

4-Prong,	Flat	Tine		Each	$ 60
4 "	Diamond	Tine		"	60
4 "	Oval	"		"	60
5 "	"	"		"	70
6 "	"	"		"	70

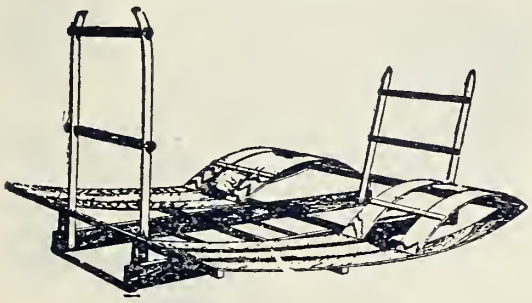
Shovels, Spades and Scoops.



Patent Improved Wire Potato Scoops,
Price, each $1.60

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

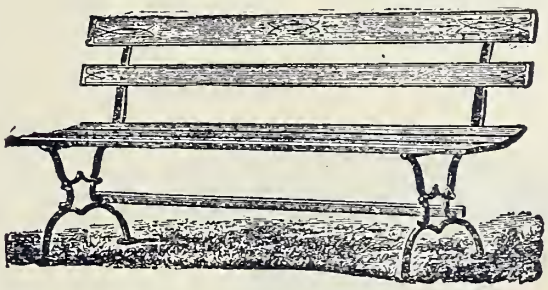
HAY RACK.



Made in two sizes—14 and 16 feet in length; width 7½ feet; 2 x 6 bed pieces, of white ash or elm, and elm boards. The Rack is light and attractive, and still is made strong and durable in every part.

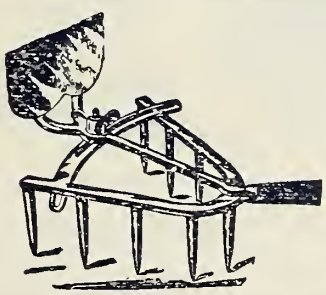
Net price, 14-ft., $17.00; 16-ft., $18.00.

LAWN SETTEE.



This Settee is made with two cast standards, the woodwork varnished.

4 feet long.....$3 75
5 " " 4 25

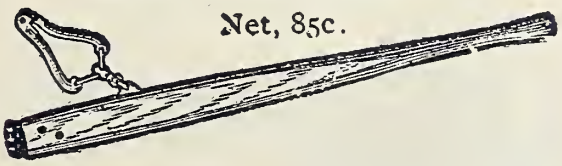


Extension Cultivator and Hoe.

Net, $0.40

Lever Wire Stretcher.

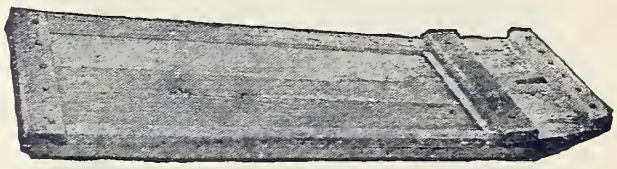
Net, 85c.



Barrel Header or Fruit and Potato Presser.

Screw or Lever Press,
Net $1 25

STONE BOATS.



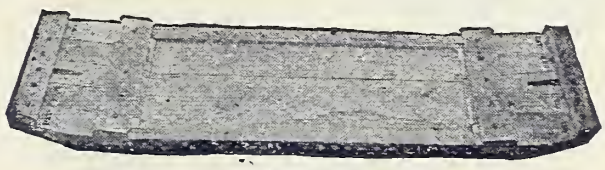
No. 1.

All our stone boats are made of hard wood. Strength and durability guaranteed. Average weight about 150 pounds.

No. 1. Length 7 ft. 6 in., width 30 in. Net $6 50

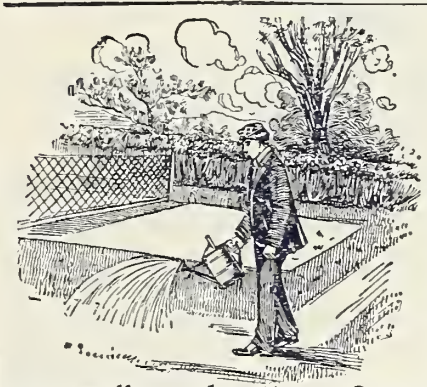
No. 2.

The Giant Boat, single end made of extra heavy lumber, suitable for two to four horses. Length 7 feet 6 inches, width 30 inches. Net $7 50



No. 3.

Double End Stone Boat, suitable for carpenters, masons, contractors and builders, indispensable for building cellar walls and use in small places where teams can be reversed when turning boat around. Length 8½ feet, width 30 inches. Net $7 50

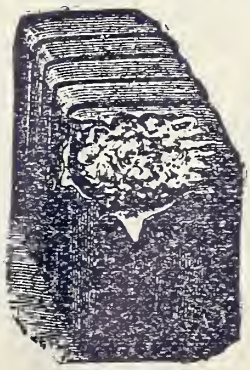


WEED KILLER

Keeps roadways and paths free from Weeds, cleans tennis courts and ball diamonds; cleans alleyways and fence corners, driveways, walks, and gutters. One gallon of Killer mixed with 49 gallons of Water is sufficient to cover 100 square yards, and one or two applications only are required a season. Does not injure marble or cement. The best time to apply is just after a rain. Price, per gal., $1.00; 5 gals., $4.50; 25 gals., $20.00; 50 gals., $37.00.

TOBACCO STEMS.

In Bales of 100 to 225 pounds at 1½ cents per pound.

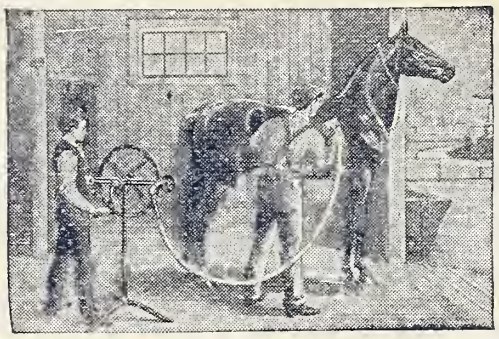


Cotton Waste.

White and Colored in 50 and 100 pound Bales.

Prices on application.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.



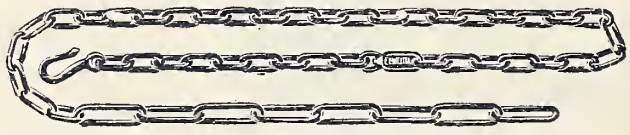
HORSE CLIPPERS.

1902 Model, Net $12 00
1906 Model (enclosed gear), net 7 50

Bull Leader Handled.
$1.15 net.

Cattle Leaders.
10 cents.

Trace Chains.



Straight Link, with Hook and Swivel, 6½ feet long.
Net, per pair, 65c.

Extra Heavy Rock or Log Chains.

Short Link made of ½-inch Iron, 14 feet long, complete with Two Hooks and Swivel, weight about 40 lbs., net, each.. $4 00
Short Link made of ⅝-inch Iron, 14 feet long, complete with Two Hooks and Swivel, weight about 53 lbs., net, each.. 5 00

Long Link Log Chains

With Hook, Ring and Swivel.

12 feet long, made of $\frac{5}{16}$ inch iron.
Net, each.....$1 25
12 feet long, made of ⅜ inch iron.
Net, each..... 1 50

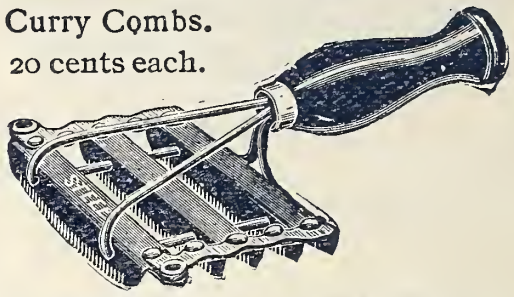
Ohio Pattern Cow Ties. Net, each. 30

Oak Stable Pails.
65 cents each.

Ox Balls.

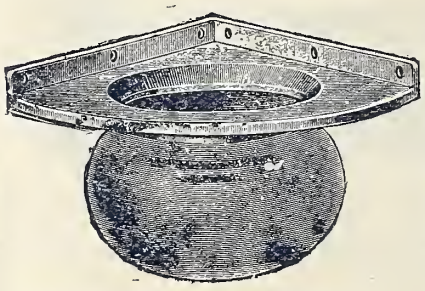
No. 0. 10c. each
" 2, 12c. "

Curry Combs.
20 cents each.

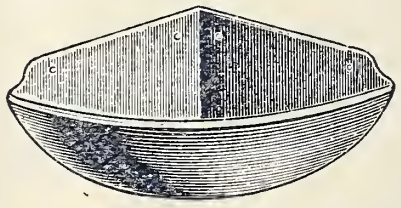


Horse Brushes.
All Bristles and Leather Backs.
No. 1, 60c. No. 2, $1.00

POT MANGER.

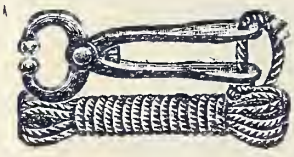


Length on side, 16 ins.; depth, 9½ ins.; diameter of pot, 14 ins. One of the very best, as all waste of oats is prevented by an effectual food guard all around.
Net, $1.85



CORNER IRON MANGER.
$1.20 net.

CORNER HAY RACKS.
Cast Iron..... net, $1 35
Wrought Iron.....net, 1 65



"ACME" CATTLE LEADERS
With Rope.
Net Price, 60c.

COPPER BULL RINGS.
2½ inch, 30c.
3 inch, 40c.

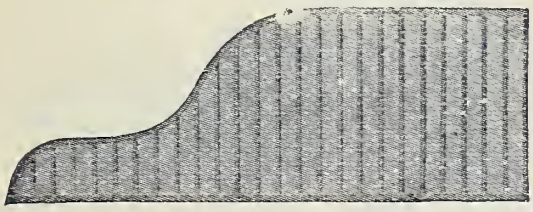
BELT PUNCH.

With four tubes, $1.15.
Six tubes, $1.30

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

WROUGHT IRON STALL GUARDS.

Made with ½ inch round uprights.



Height, 2 feet 4 inches.

Length,	5	feet,	0	inches..... net	$5.00
"	6	"	0	" ..... "	6.00
"	6	"	6	" ..... "	6.50
"	7	"	0	" ..... "	7.00
"	7	"	6	" ..... "	7.50
"	8	"	0	" ..... "	8.00
"	9	"	0	" ..... "	9.00

STABLE GUTTER AND COVER.

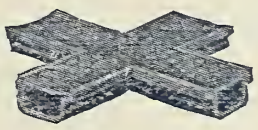
For Concrete Floor width 5½ inches.

Gutter with cover per foot .....60c.
Gutter only, per foot.....32c.
Cover only, " .....28c.

For Wood Floor width over flange 6 inches.

Gutter and cover per foot .....65c.
Gutter only, per foot .....35c.
Cover only, " ..... 30c.

STABLE GUTTERS ANGLE CONNECTIONS.

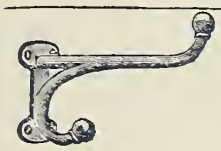


Double Right Angle, each..... $3.50
Right or Left " " 2.50
Right or Left T angle " 3.00

TOOL BRACKETS.

Projects 12 inches
Made of Cast Iron. 50c. net

HARNESS HOOKS.

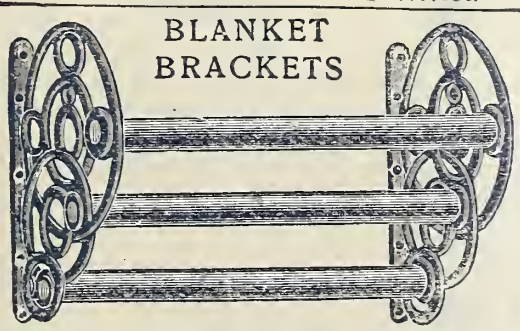


8-inch Light.....12c. each
8- " Heavy ....20c. "
10- " Light.....22c. "
10- " Heavy ....30c. "

WHIP RACKS.

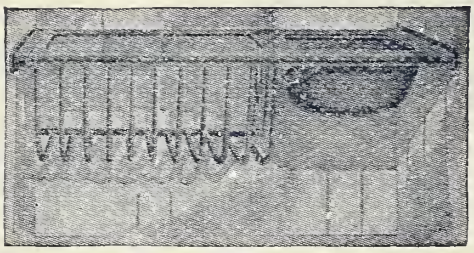
For 5 whips, galvanized.....40c.
" 10 " " .....60c.

BLANKET BRACKETS



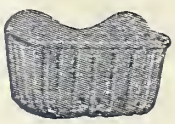
22 inch Projections without wood Rollers, per pair $1.00

COMBINATION HAY RACK AND MANGER.



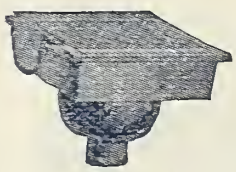
With adjustable extension attachments at ends.
Length, 4 feet 6 inches; Width, 20 inches.
net $20.00
Specify if you wish manger on right or left hand.

SPONGE OR BRUSH RACK.



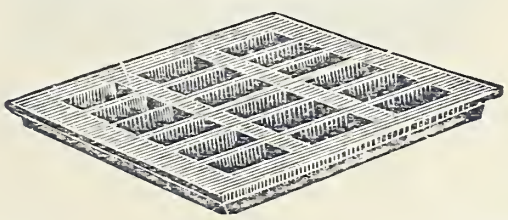
14 in. long, Japanned, $1.00 net.
14 " " Galvanized 1.50 "

GRATED GUTTER CESS POOLS.



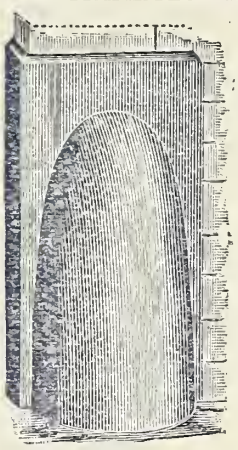
Size of Top, 11 inches square.
(also made open at both ends)
net $3.50

CESS POOL GRATES.



13" x 13".....$1.20 each.
24" x 24"..... 4.00 "

WHEEL GUARDS.



30" high, for 12" wall, per pair..... $14.00
30" high, for 16" wall, per pair..... 16.00

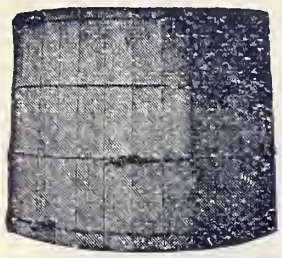
Corner Guards.

34" high, 8" x 8" wide, per pair..... $12.00
34" high, 10" x 10" wide per pair..... ... 14.00

COMPRESSED SALT BRICKS.

Per dozen Bricks $2.00
Per single Brick .25
Galvanized Holders Extra, 35c.

For other stable supplies see page 42.



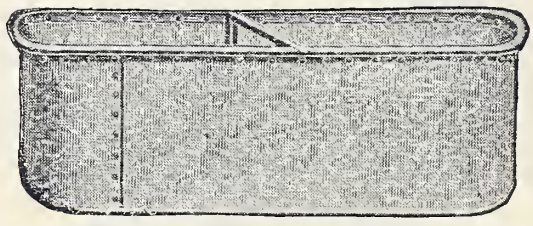
Round Tanks.

Made of 2 inch Pine or 1½ inch Cypress.

Prices of other sizes and thicknesses on application.

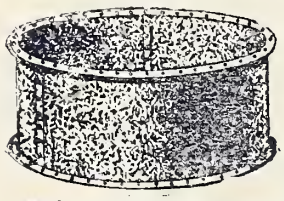
Length of Stave.	Diameter of Bottom.	Number of Hoops.	Capacity in Gallons	Net Price.
2 ft.	10 ft.	2	880	$40 00
2 "	12 "	2	1,270	53 00
2 " 6 "	12 "	2	1,550	52 00
5 "	8 "	4	1,825	56 00
5 "	9 "	5	2,120	62 00
5 "	10 "	5	2,650	72 00
6 "	9 " 6 in.	5	2,800	78 00
6 "	10 "	5	3,080	82 00
6 " 6 in.	10 " 6 "	6	3,694	91 00
6 " 6 "	11 "	6	4,066	95 00
7 " 6 "	10 " 6 "	7	4,301	98 00
7 " 6 "	11 "	7	4,734	102 00
7 " 6 "	11 " 6 "	7	5,189	105 00
7 " 6 "	12 "	7	5,664	114 00
8 "	12 "	8	6,107	127 00
8 "	14 "	8	8,321	144 00
8 " 6 "	16 "	8	10,935	200 00

Round End Galvanized Steel Stock Watering and Storage Tanks.



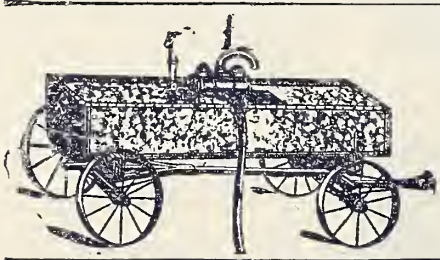
Width.	Height.	Length.	Capacity bbls.	Net Price.
2 ft.	2 ft.	4 ft.	3¾	$6 30
2 "	2 "	6 "	5¾	9 23
2 "	2 "	10 "	9½	13 50
2½ "	2 "	10 "	12	15 12
3 "	2 "	10 "	14	15 75
3 "	3 "	10 "	21	20 38
4 "	2 "	16 "	30	30 60
4 "	5 "	10 "	47	36 90
5 "	4 "	10 "	56	39 60
6 "	5 "	10 "	70	50 00

Round Galvanized Steel Stock Watering and Storage Tanks.



Diam.	Height.	Cap. bbls.	Net Price.
3 ft.	2 ft.	3½	$7 20
4 "	2½ "	7	9 68
4 "	4 "	12	14 40
4 "	8 "	24	23 40
5 "	8 "	37½	30 00
5½ "	8 "	45	35 10

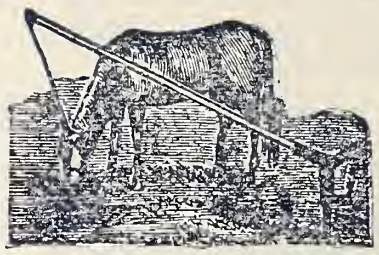
Prices quoted on special sizes on application.



Round End Galvanized Steel Wagon Tanks, only.

Width.	Height.	Length.	Capacity bbls.	Net. Price.
3 ft.	2 ft.	10 ft.	14	$29 00
3 "	2 "	8 "	11½	25 00
2½ "	2 "	8 "	9½	23 00
2 "	2 "	8 "	7½	21 00
2 "	2 "	6 "	5½	18 00

Unless otherwise specified, we place a 14 in. man hole in center of top and put a 1½ in. cleaning hole in centre of rear close to bottom; for Pump. See p.38.



ANIMAL TETHER.

Animal cannot become entangled with the rope

Net, each, $3.50.

TETHERING PIN AND CHAIN.

Malleable Iron Pin, with 20 feet heavy patent steel chain.....$1.10

Malleable Iron Pin, with 30 feet heavy patent steel chain.....$1.50

Steel Pins in place of Malleable ones, net, extra..... ....10 cents.

Malleable Pins, net, 35c.
Steel Pins.....45c.

Steel Pin. Malleable Pin.

FLY KILLER.

A COMFORT FOR HORSES AND CATTLE.

It keeps stable and stock free of *flies and mosquitoes*. Cattle may be sprayed once or twice a day at first; thereafter three times per week, with any good sprayer.

Insures more milk, and dairymen will find it insures comfort to themselves while in the stable.

Net, per gallon..... $1.00.

FARM BELLS.

Complete with Hangings, as shown in cut.

No.	*Diameter.*	*Weight.*	*Net.*
A1.	15 ins.	40 lbs.	$2 50
A2.	17 ins.	60 lbs.	3 00
A3.	19 ins.	75 lbs.	3 75
A4.	21 ins.	100 lbs.	5 00

GLOBE TUBULAR STREET AND LAWN LAMP.

Warranted to give satisfaction. Has outside wick regulator. Does not smoke. Casts no shadow, and is not affected by the strongest wind. Can be regulated to burn a certain number of hours. Has no chimney. Painted green. Net, $5.00.

Iron Bracket, extra, $1.30.

Turned Wood Post, extra, 8½ feet long, $3.50.

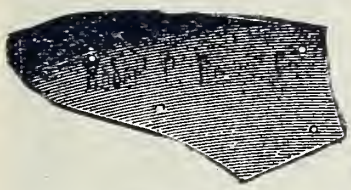
VICTOR TUBULAR LANTERN.

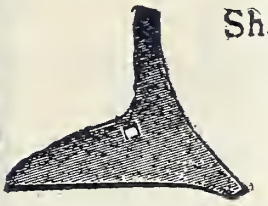
Can be filled, lighted, regulated and extinguished without removing globe. The single lever on side raises the globe to light and locks the globe down to the burner. Net, 65 cents.

Ruby Globes, extra, net, 30 cts.

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

PLOW EXTRAS.


Mouldboard.


Share.

Share.

Landside

Clevis.

Standard.

Kindly compare our net prices with what you have been paying and let us have your season's order. *Fit guaranteed.*

NET PRICES OF CHILLED PLOW REPAIRS.

Syracuse.

NUMBER	I Con't	2-78	3-78	5-78	32	36	60	126 L	402	403	602 L.	605	812	824	912	1465
Mouldboards	3.25	3.25	3.00	2.25	5.00	2.00	2.75	2.50	3.25	3.00	3.25	2.25	2.50	1.50	2 50	2.25
Standards	....	....	....	....	1.25	2.00	1.00	2.50	1.75	1.50	2.50	2.00	1.00	2.00	1.00	2.00
Landsides	.85	.70	.65	.50	1.25	....	....	....	.85	.80	.85	.65	....	....	....	.65
Shares	.45	.40	.35	.30	.40	.30	.55	.40	.40	.35	.40	.30	.55	.30	.55	.30
Jointer Rig	....	2.00	2.00	....	2.00	....	2.00	....	2.00	2.00	2.00	....	2.00	....	2.00	....
Jointer Molds	....	.35	.35	....	.35	....	.35	....	.35	.35	.35	....	.35	....	.35	....
Jointer Points	....	.15	.15	....	.15	....	.15	....	.15	.15	.15	....	.15	....	.15	....
Wheel Rigs	2.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	....	1.00	1.00
Bolts for Share	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05	.05
Clevises	.85	.75	.75	.55	.75	.75	.75	.75	.75	.75	.55	.45	.75	.50	.75	.65
Handles, single	.65	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.55	.45	.55	.55
Beams	5.50	4.00	3.75	2.50	3.50	1.25	4.00	1.50	3.50	3.50	1.75	1.50	3.50	2.00	1.75	3.00

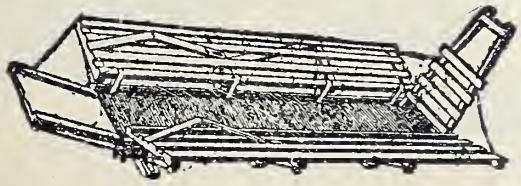
Oliver Pattern.

NUMBER	A	B	10	13	19	20	40
Mouldboards	1.35	1.85	2.25	2.50	2.75	3.00	3.25
Standards	1.25	1.50	2.00	2.25	2.25	2.85	2.50
Landsides	.45	.60	.70	.75	.85	.85	.85
Shares	.20	.25	.25	.30	.30	.30	.35
Jointer Rig	....	....	....	1.90	1.90	1.90	1.90
Jointer Molds	....	....	....	.35	.35	.35	.35
Jointer Points	....	....	....	.15	.15	.15	.15
Wheel Rigs	....	....	.90	.90	.90	.90	.90
Bolts for Share	.05	.05	.05	.05	.05	.05	.05
Clevises	.30	.30	.30	.50	.50	.50	.50
Handles, per set	1.35	1.35	1.35	1.50	1.75	1.75	1.75
" single	.55	.55	.55	.55	.55	.55	.55
Beams	1.50	1.50	1.50	2.00	2.00	2.00	2.00

South Bend Pattern.

I B	2 & 2F	3 & 3F	4 & 4F	10 & 10A	151
1.75	2.50	3.00	3.25	3.50	3.50
1.50	2.25	2.50	3.75	3.00	3.50
.40	.75	1.00	1.00	1.00	1.00
.30	.35	.35	.40	.40	.40
....	....	1.90	1.90	1.90	1.90
....	....	.35	.35	.35	.35
....	....	.20	.20	.20	.20
....	....	.90	.90	.90	.90
.05	.05	.05	.05	.05	.05
.35	.40	.50	.50	.50	.50
1.25	1.25	1.50	1.50	1.75	1.75
.50	.50	.50	.50	.50	.50
.75	.90	1.00	1.25	1.25	1.25

Combination Hay and Stock Rack.


CUT 1, AS HAY RACK.

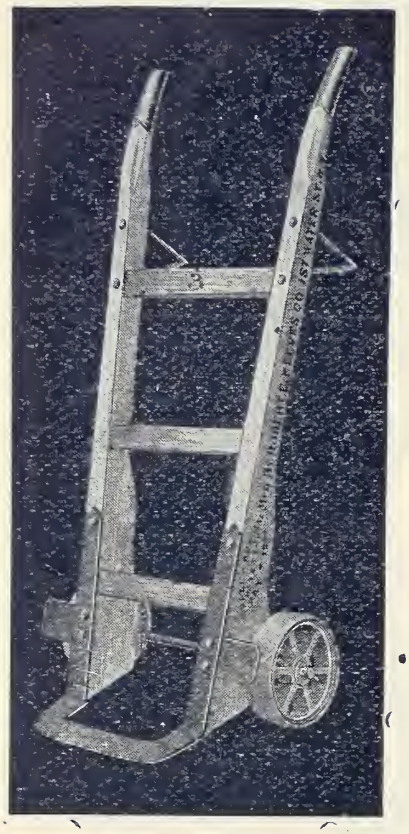
As a Hay Rack it measures 16½ feet long and 7½ feet wide outside of wings. It can be instantly converted from a Hay Rack to a Stock Rack as shown in cut 2, without any additional material. As a Stock Rack it measures 13 feet 4 ins. long, by 38 ins. high.

CUT 2, AS STOCK RACK.

Will safely carry 4000 pounds of Hay.....Net price, $24.00

The prices on all machines and tools in this catalogue are net; 5 per cent. will be allowed for cash with order.

Special Catalogue of Roller Bearing Hand Trucks sent on application.



Plain Pattern.

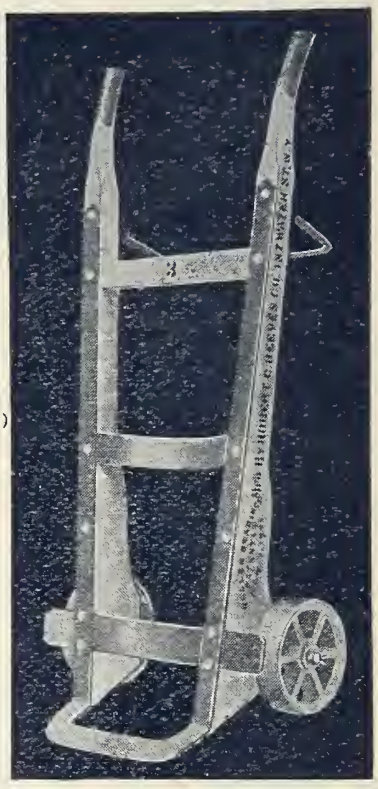
STORE AND WAREHOUSE HAND TRUCKS.

PRICES.

Nos.	Plain. Net.	Barrel Pattern	Strapped up Net.	Cotton Pattern. Net.
1	$3 80	$5 48	$4 60	
2	4 60	6 20	5 48	
3	5 48	7 00	6 20	
4	6 20	7 40	7 00	$7 20
5	7 40	9 00	8 60	8 60
6	9 60	11 20	11 20	11 20

Extra for Roller Bearings, $1.50

WE MAKE AND REPAIR ALL STYLES OF HAND TRUCKS



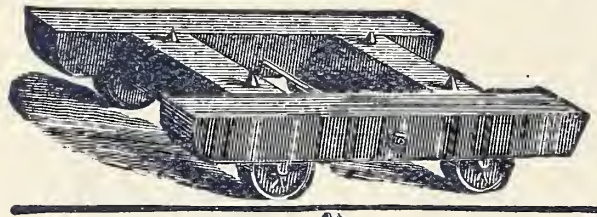
Barrel Pattern.

Tobacco and Dry Goods Case Trucks.

For the transportation of heavy cases and all packages too heavy to be lifted far above the floor.

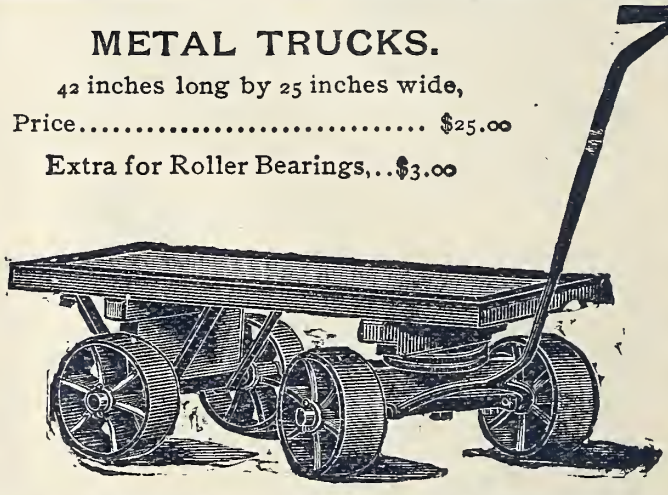
PRICES.

Block and Tobacco Truck..... $3 50
Dry Goods Truck..... 16 00
Bag Holder and Truck, combined..... 3 00



METAL TRUCKS.

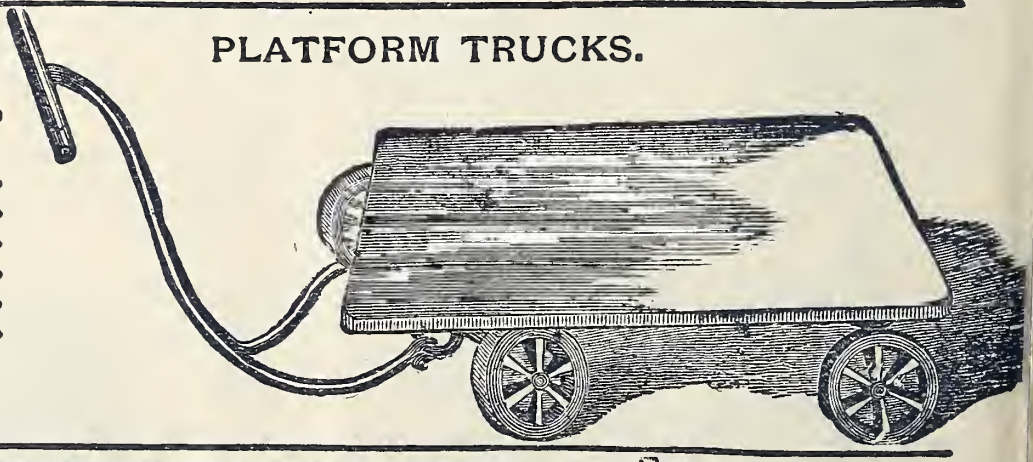
42 inches long by 25 inches wide,
Price..... $25.00
Extra for Roller Bearings,..$3.00



PLATFORM TRUCKS.

Price, Number & Size of Platform.

1. 3 ft. × 2 ft.....$10 00
2. 3 ft. 2 in. × 2 ft. 2 in.. 12 00
3. 3 ft. 4 in. × 2 ft. 4 in.. 14 00
4. 3 ft. 6 in. × 2 ft. 6 in.. 15 00
5. 3 ft. 8 in. × 2 ft. 8 in.. 16 00
6. 3 ft. 10 in. × 2 ft. 10 in. 18 00



SKIDS.

Light, per foot.. $1 00
Heavy, " .. 1 25

We can also furnish a full assortment of **Agricultural Implements and Horticultural Tools for the Farm and Garden** not here illustrated.

DESCRIPTIVE CIRCULARS OF THE LEADING IMPLEMENTS MAILED FREE ON APPLICATION.

GARDEN, FIELD and FLOWER SEEDS.

ASPARAGUS

ARTICHOKE.

ARTICHOUT—*Alcachofo*—**Artichoke.**

	Per pkt.	oz.	¼ lb.	lb.
French Green Globe	$0 10	$0 40	$1 25	$4 50

Jerusalem, roots, 25c. per qt.

ASPARAGUS.

ASPERGE—*Esparrage*—**Spargel.**

	Per pkt.	oz.	¼ lb.	lb.
Conover's Colossal	$ 05	$0 10	$0 15	$0 40
Palmetto, bright green	05	10	15	40

ASPARAGUS ROOTS.

	Per 100	Per 1000
Colossal, two year old	$1 00	$7 00
Palmetto	1 25	7 00

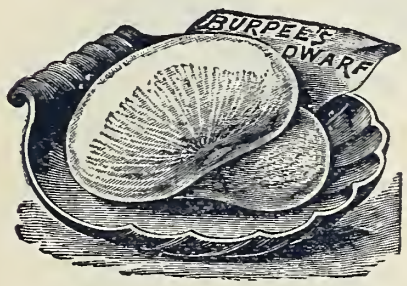
BEANS—DWARF GREEN PODDED SNAP BEANS.

	Per qt.	pk.
Bountiful, extra early, flat pod, stringless	$0 35	$1 85
Dwarf Horticultural, late, flat pod, stringless	35	2 25
Long Fellow, very early, long, light green, round pod	35	2 00
Mohawk, early, long, flat pod	35	1 75
Refugee or 1000 to 1, medium or late, round pod	35	2 25
Refugee, extra early	35	2 25
Refugee Golden, late	40	
Six Weeks, long yellow, early, flat pod	35	1 85
Valentine, extra early, round pod	35	2 25

GOLDEN WAX BEANS

DWARF WAX OR BUTTER BEANS.

	Per qt.	pk.
Black Wax, very early, round pod	$0 45	$2 50
Golden Wax, improved, very early, flat pod	45	2 50
Wardell's Kidney Wax, early, flat pod	45	2 50
White Wax, round pod	50	
Refugee Wax, early, round pod	45	2 50



WHITE BEANS.

	Per qt.	pk.
Burpee Bush Lima, grows 18 to 20 inches high	$0 45	$2 50
Henderson's Bush Lima	35	2 25

POLE OR RUNNING BEANS.

	Per qt.	pk.
Lima, Challenger	$0 45	$2 25
Lima, Large White	40	2 25
Lima, King of the Garden	35	2 25
Horticultural Pole	35	2 00
Kentucky Wonder, green pod, flat	35	2 25
Scarlet Runner	35	
White Dutch Runner	40	

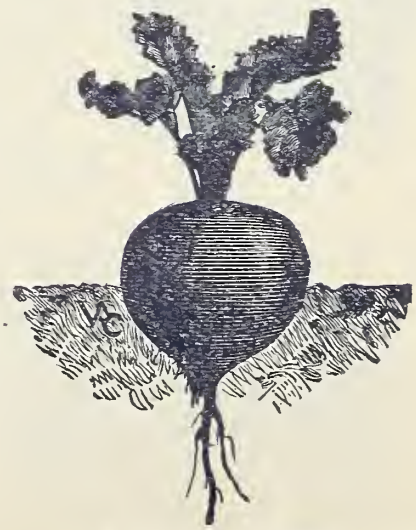
BEET.

BETTERAVE—*Remolacha*—**Runkelruben.**

	Per pkt.	oz.	¼ lb.	lb.
Bassano, early, light color	$0 05	$0 10	$0 40	$1 25
Dewings Early	04	15	40	1 25
Early Blood Turnip, dark red, fine flavor	05	10	30	1 00
Eclipse, early, round, bright red	05	10	30	1 00
Edman's Blood Turnip	05	10	30	1 00
Egyptian, early, dark red	05	15	40	1 25
Long Smooth Blood, late	05	10	25	75
Swiss Chard, to be used as spinach	05	15	35	1 25

MANGEL WURZEL BEET.

	Per pkt.	oz.	¼ lb.	lb.
Long Red, very large	$0 05	$0 10	$0 20	$0 50
Long Yellow	05	10	20	50



BLOOD TURNIP BEET

BROCCOLI.

BROCCOLI—*Broculi*—**Spargelkohl.**

	Per pkt.	oz.	¼ lb.	lb.
Early White	$0 05	$0 30	$0 85	$3 00
Mammoth White	05	35	1 00	3 50
Purple Cape	05	35	1 00	3 50

BRUSSELS SPROUTS.

CHOUX DE BRUXELLS—*Berza de Brusels*—**Rosenkohl.**

	Per pkt.	oz.	¼ lb.	lb.
Improved Half Dwarf	$0 05	$0 35	$1 25	$4 00
Improved Dwarf German	05	35	1 25	4 00

CABBAGE.

CHOU—*Berza de repollo*—**Kohl.**

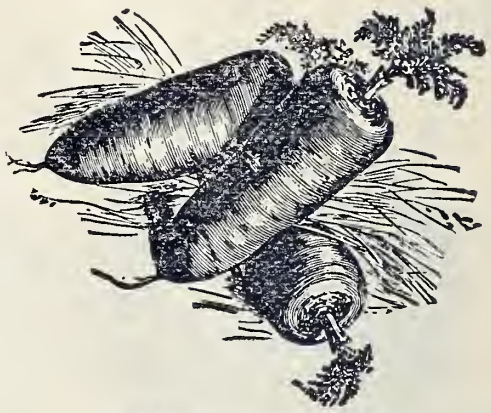
EARLY SUMMER CABBAGE

	Per pkt.	oz.	¼ lb.	lb.
All Seasons, second early, large size	$0 05	$0 30	$0 80	$3 00
Early Spring, extra early, medium size, flat	05	25	60	2 00
Early York	05	15	35	1 25
Express, extra early, small	05	30	85	3 00
Early Jersey Wakefield, early variety, solid head	05	25	75	2 50
Early Winningstadt, second early variety, solid head	05	20	40	1 50
Early Summer, second early, large, solid head	05	25	60	2 00
Succession, second early, large, solid head	05	25	75	2 50
Large Late Drumhead, winter cabbage	05	25	75	2 50
Large Late Flat Dutch	05	25	60	2 00
Red Drumhead	05	30	75	2 50
Savoy Drumhead	05	20	70	2 50

CARROT.

CARROTTE—*Zahnahoria*—**Mohren.**

	Per pkt.	oz.	¼ lb.	lb.
Danvers Half Long, good quality, large	$0 05	$0 20	$0 35	$1 00
Half Long Pointed	05	20	35	1 00
Half Long Stump Rooted, good quality	05	20	35	1 00
Long Orange, for stock or table	05	10	20	75
Long White Belgian, for stock	05	10	25	75
Scarlet Horn, early, thick roots, good for frame	05	10	30	1 00
Early Forcing	05	20	40	1 50



DANVERS HALF LONG CARROT

CAULIFLOWER

CHOU-FLEUR—*Coliflor*—**Blumenkohl.**

EARLY SNOWBALL CAULIFLOWER

	Per pkt.	oz.	¼ lb.	lb.
Extra Early Dwarf Erfurt, earliest for forcing under glass	$0 50	$5 00		
Early Dwarf Erfurt	25	2 25	$7 75	$30 00
Early Snowball	25	2 25	7 50	28 00
Lenormand, short stem	10	60	2 00	6 90
Large Algiers	10	60	2 00	6 90
Early London	05	35	1 25	4 00

CELERY.

CELERI—*Apic*—**Sellerie.**

	Per pkt.	oz.	¼ lb.	lb.
Boston Market, winter variety	$0 05	$0 25	$0 70	$2 50
Improved White Plume, very early	05	35	85	3 00
Golden Self Blanching	05	35	85	3 00
Giant Pascal	05	20	60	1 90
Crawfords Half Dwarf	05	25	75	2 50
Celeriac, or Turnip Rooted Celery, for soup	05	25	75	2 50

CELERY

EVERGREEN SWEET CORN

CORN—SWEET.

MAIS—*Maiz*—**Mais.**

Extra Early Varieties

	Per qt.	pk.	bush.		Per qt.	pk.	bush.
Early Corey	$0 25	$1 25	$4 50	Golden Bantam	30	$1 60	$5 50
White Corey	25	1 25	4 50	Minnesota ...	25	1 25	4 50
Metropolitan	25	1 25	4 50	Perry Hybrid	25	1 25	4 50

Second Early

Early Champion	$0 25	$1 25	$4 50
Early Mammoth	25	1 25	4 50
Early Adams	25	1 25	4 00
Stowell's Evergreen	25	1 25	4 00

Late Varieties

Black Mexican	$0 25	$1 25	$4 50
Late Mammoth	25	1 25	4 50
Country Gentlemen	30	1 50	5 00

For Field Corn, see page 77

CORN SALAD or FETTICUS.

MACHE—*Mach o—Valerianilla*—**Stechsalat.**

	Per pkt.	oz.	¼ lb.	lb.
Large Seeded	$0 05	$0 10	$0 25	$0 65
Small Seeded	05	10	25	60

CRESS.

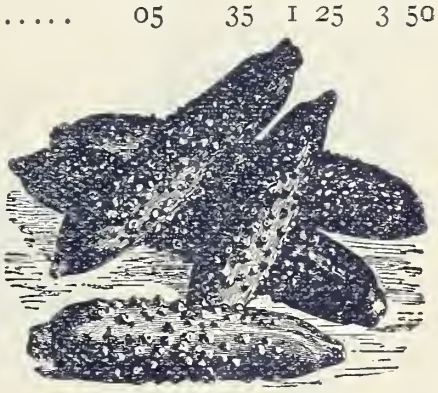
CRESSON—*Berro o Mastuerzo*—**Kresse.**

	Per pkt.	oz.	¼ lb.	lb.
Curled or Peppergrass	$0 05	$0 10	$0 20	$0 50
Plain Leaved	05	10	20	50
Broad Leaved	05	10	40	75
True Water	05	35	1 25	3 50

CUCUMBER.

CONCOMBRE—*Pepino*—**Gurken.**

	Per pkt.	oz.	¼ lb.	lb.
Cool and Crisp, Long and Slender	$0 05	$0 10	$0 25	$0 85
Early Cluster, small	05	15	30	1 00
Early Russian, short	05	10	25	80
Ford Hook, medium size	05	15	30	1 00
Improved White Spine, early, good size	05	15	30	1 00
Improved Long Green	05	15	35	1 25
Small Gherkin	05	20	50	1 50



GHERKIN CUCUMBER

ENDIVE, CURLED

DANDELION.

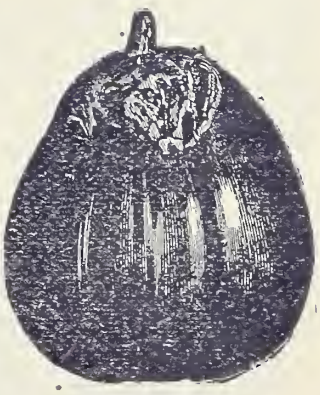
PISSENLIT.

	Per pkt.	oz.	¼ lb.	lb.
French	$0 05	$0 15	$0 40	$1 50

EGG PLANT.

FICOIDE GLACIALE.

	Per pkt.	oz.	¼ lb.	lb.
New York Improved Spineless	$0 05	$0 40	$1 25	$4 00
Long Purple	05	25	75	2 40
Black Pekin	05	30	85	3 00
Scarlet Chinese	05	30	85	3 00



EGG PLANT

ENDIVE or CHICORY.

CHICOREE—*Escarola o Endivia*—**Endivien.**

	Per pkt.	oz.	¼ lb.	lb.
Green Curled	$0 05	$0 15	$0 35	$1 25
Broad Leaved	05	15	35	1 25
Chicory, Large Rooted	05	20	50	1 50

KALE or BORECOLE.

CHOU VERTE FRISE—*Col*—**Blatterkohl.**

	Per pkt.	oz.	¼ lb.	lb.
Green Curled Scotch	$0 05	$0 10	$0 25	$0 90
Curled Tall Green Scotch	05	10	30	85
Curled Siberian	05	10	20	65
Sea Kale	05	20	60	2 00

BORECOLE

KOHLRABI

KOHLRABI.

CHOURAVE—*Colinabo.*

	Per pkt.	oz.	¼ lb.	lb.
Early White Vienna	$0 05	$0 20	$0 75	$2 50
Early Purple Vienna	05	20	50	1 50
Large White or Green	05	10	35	1 25

LEEK.

POIREAU—*Puerro*—**Porro.**

	Per pkt.	oz.	¼ lb.	lb.
Large Flag	$0 05	$0 20	$0 50	$1 75
Large Rouen	05	20	50	1 75

LARGE FLAG LEEK

LETTUCE.

LAITUE—*Lechuga*—**Salat.**

	Per pkt.	oz.	¼ lb.	lb.
Boston Market, summer head.	$0 05	$0 15	$0 35	$1 25
Big Boston, for forcing	05	15	35	1 25
Deacon, solid	05	15	35	1 25
Hanson, large solid	05	15	35	1 25
Black Seeded Butter, solid	05	15	35	1 25
New York, large	05	15	35	1 25
Early Curled Simpson	05	15	35	1 25

NEW YORK LETTUCE

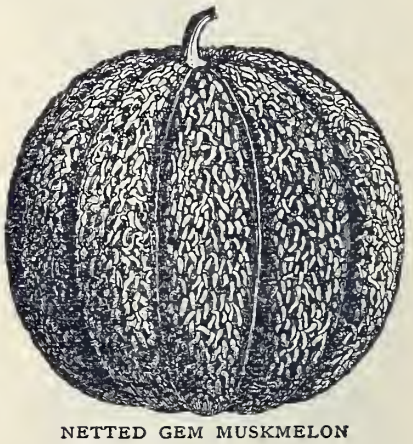
ROMAINE, or COS VARIETIES.

	Per pkt.	oz.	¼ lb.	lb.
Balloon Cos	$0 05	$0 20	$0 50	$1 50
Express Cos	05	15	35	1 25
Trianon Self Closing Cos	05	20	50	1 50

MUSKMELON

MELON MUSCADE—*Melon Muscatel*—**Kantalupen.**

	Per pkt.	oz.	¼ lb.	lb.
Emerald Gem, early, orange flesh, small	$0 05	$0 15	$0 30	$1 00
Hackensack, early, green, large	05	15	30	1 00
Jenny Lind, green, small	05	15	30	1 00
Long Island Beauty, earliest	05	15	30	1 00
Netted Gem, green flesh, small	05	15	30	1 00
Nutmeg, green flesh	05	15	30	1 00
Rocky Ford, green flesh, small	05	10	30	1 00



NETTED GEM MUSKMELON

WATER MELON.

MELON D'EAU—*Zandia*—**Wassermelonen.**

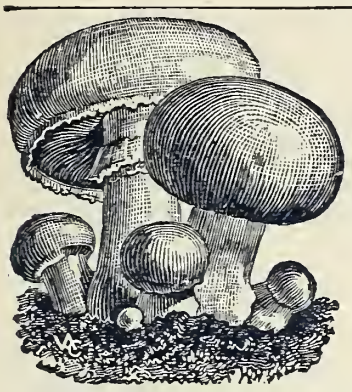
WATER MELON

	Per pkt.	oz.	¼ lb.	lb.
Black Spanish, early	$0 05	$0 10	$0 25	$0 70
Boss, dark green	05	10	25	70
Cuban Queen, early	05	10	25	70
Kolb Gem, large intermediate	05	10	25	70
Mountain Sweet, late	05	10	25	80
Phinney, early, large	05	10	25	70
Pride of Georgia, large intermediate	05	10	25	70
Sweet Heart, large	05	10	25	70
Citron, Red Seeded, for preserving	05	15	25	70

NASTURTIUM.

CAPUCINE—*Maranuela*—**Nasturtium.**

	Per pkt.	oz.	¼ lb.	lb.
Tall, mixed	$0 05	$0 10	$0 25	$0 75
Dwarf, mixed	05	10	25	75



MUSHROOM

OKRA.

GOMBO—*Quimbombo*—**Safran.**

	Per pkt.	oz.	¼ lb.	lb.
Dwarf Green	$0 05	$0 10	$0 20	$0 50
Long Green	05	10	20	50

MUSHROOM SPAWN.

BLANC DE CHAMPIGNON—*Seta*—**Champignonbrut.**

	Per lb.	10 lbs.
English Spawn	$0 15	$1 00

ONION.

OIGNON—*Cebolla*—**Zwiebeln.**

	Per pkt.	oz.	¼ lb.	lb.
White Queen, small flat	$0 05	$0 15	$0 35	$1 25
White Large Portugal, flat	05	15	35	1 25
White Globe	05	20	60	2 00
White Bermuda	05	20	60	2 00
White Welch	15	20	60	2 00
Yellow Globe Danvers	05	20	50	1 50
Yellow Prize Taker	05	20	50	1 50
Red Globe	05	20	50	1 50
Red Wethersfield	05	20	50	1 50

DANVERS GLOBE ONION

ONION SETS.

Red Onion Sets, Yellow Onion Sets, } ..... Prices on application ..... { White Onion Sets.

PEAS.

POIS—*Chicaroc o Guisantes*—**Erbsen.**

	Height in feet	Per qt.	pk.
Extra Early Varieties			
Reeves' Extra Early Market, round, smooth	2½	$0 30	$1 75
Daniel O'Rourke, round, smooth	2½	30	1 75
First and Best, round, smooth	2½	30	1 75
Alaska, round, smooth	2½	30	1 75
*American Wonder, wrinkled, fine quality	8 in.	35	2 00
*McLean's Little Gem, wrinkled	1	30	1 75
*Premium Gem	1	30	1 75
*Gradus, wrinkled, or Prosperity	3	35	2 00
Medium Varieties			
*Advancer, wrinkled	2½	30	1 75
*Abundance, wrinkled	1½	30	1 75
*Ever Bearing, wrinkled	2½	30	1 75
Pride of the Market	2	30	1 75
*Heroine, wrinkled	2½	35	2 00
Main Crop or Late Varieties			
*Champion of England, wrinkled	5	30	1 75
*Juno	2	30	1 75
*Telephone	4	35	2 00
*Stratagem	2	35	2 00
Blackeyed Marrowfat	5½	25	1 50
Edible Pods			
*Wrinkled Sugar	2½	50	
Tall Sugar	5	50	

*Those marked * are Wrinkled Marrows, and should be sown thicker than the Round Peas, as they are more liable to rot. They are the finest flavored of all the Peas.*

EXTRA CURLED PARSLEY

PARSLEY.

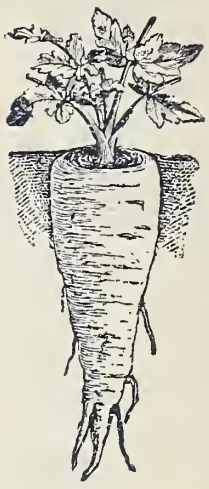
PERSIL—*Perijil*—**Petersilie.**

	Per pkt.	oz.	¼ lb.	lb.
Extra Moss Curled	$0 05	$0 10	$0 25	$0 75
Fern Leaved	05	10	35	1 25
Plain	05	10	25	75
Hamburg or Turnip Rooted	05	10	25	75

PARSNIP.

PANAIS—*Chirivia*—**Pastinake.**

	Per pkt.	oz.	¼ lb.	lb.
Long White	$0 05	$0 15	$0 20	$0 50
Hollow Crown	05	10	20	50
Early Round	05	15	30	60



PARSNIP

LARGE BELL PEPPER

PEPPER.

PIMENT—*Pimiento*—**Pfeffer.**

	Per pkt.	oz.	¼ lb.	lb.
Golden Dawn	$0 05	$0 20	$0 65	$2 25
Large Bell or Bull Nose	05	20	60	2 00
Sweet Mountain	05	20	60	2 00
Red Chili	05	20	60	2 00
Long Red Cayenne	05	20	60	2 00
Ruby King	05	25	85	3 00

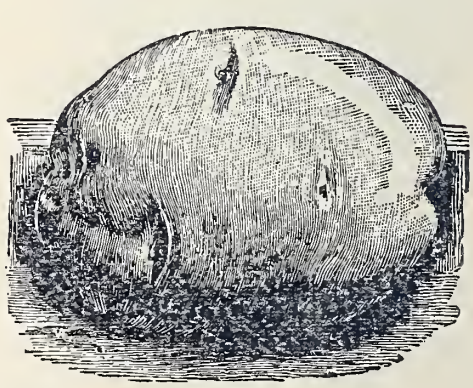
POTATO.

POMME DE TERRE—*Patata*—**Kartoffel.**

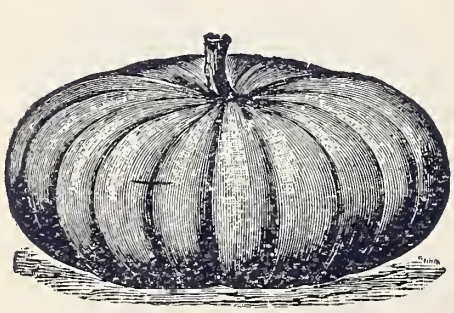
The prices may vary as the season advances.

The following are the leading kinds. Can furnish many others if desired.

	Per pk.	bush.	bbl.
Early Rose, blush skin and white flesh	$0 65	$2 00	$4 50
Beauty of Hebron, early, white skin and flesh	65	2 00	4 50
Irish Cobbler, white skin and flesh	65	2 00	4 75
Bovee, extra early, white flesh	65	2 00	4 75
Green Mountain, late, white skin and flesh	65	2 00	4 50
Clark's No. 1, rose colored	65	2 00	4 50
Queen, early	65	2 00	4 50



GREEN MOUNTAIN POTATO

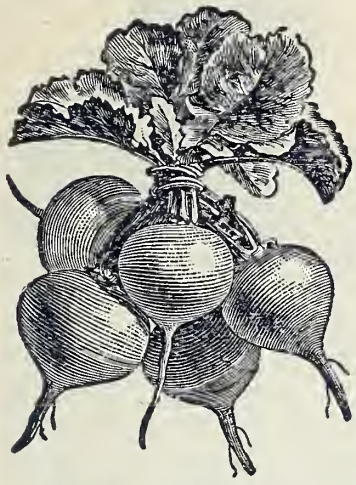


LARGE CHEESE PUMPKIN

PUMPKIN.

POTIRON—*Calabaza*—**Grosse Kurbis.**

	Per pkt.	oz.	¼ lb.	lb.
Large Cheese	$0 05	$0 10	$0 20	$0 50
Connecticut Field	05	10	15	40
Mammoth	05	15	30	1 00
Black Negro	05	10	25	75



SCARLET TURNIP RADISH

RADISH.

RADISH RAVE—*Rabanos and Rabanitos*—**Radies und Rettig.**

Early Round or Turnip-shaped Varieties

	Per pkt.	oz.	¼ lb.	lb.
Early Scarlet	$0 05	$0 10	$0 20	$0 50
Early Scarlet, White Tip	05	10	20	50
Deep Scarlet	05	10	20	60
Early White	05	10	20	60
Golden Summer	05	10	20	70
Red Forcing	05	10	20	60

Olive-shaped Varieties

French Breakfast	05	10	20	60
Scarlet	05	10	20	60
White	05	10	20	60
Deep Scarlet	05	10	20	75

Long Varieties

	Per pkt.	oz.	¼ lb.	lb.
Scarlet Short Top	05	10	20	50
Black Spanish	05	10	20	60
Scarlet Chinese Winter	05	10	20	60

SALSIFY

RHUBARB.

RHUBARBE—*Ruibarbo*—**Rhabarber.**

	Per pkt.	oz.	¼ lb.	lb.
Linnaeus	$0 05	$0 15	$0 35	$1 00

Roots, 15c. each, $1.50 doz.

SALSIFY, or VEGETABLE OYSTER.

SALSIFIS—*Ostion Vegetal*—**Kaferwurzel.**

	Per pkt.	oz.	¼ lb.	lb.
Long White French	$0 05	$0 15	$0 40	$1 25
Mammoth Sandwich Island	05	15	40	1 25

THICK LEAF SPINACH

SPINACH.

EPINARDS—*Espinaca*—**Spinat.**

	Per pkt.	oz.	¼ lb.	lb.
Round Thick Leaved	$0 05	$0 10	$0 15	$0 35
Curled Leaved Savoy	05	10	15	35
Long Standing	05	10	15	35
Prickly	05	10	15	35
New Zealand	05	10	30	75

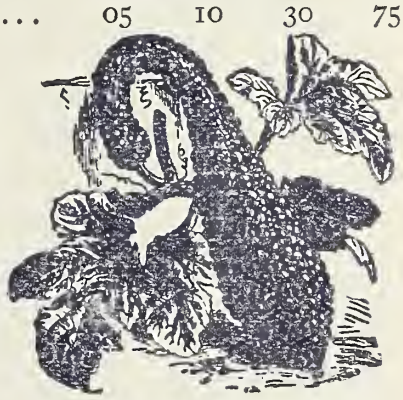
SQUASH.

COURGE—*Calabaza*—**Kuckenkurbis.**

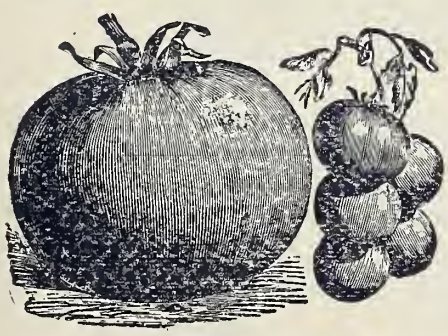
	Per pkt.	oz.	¼ lb.	lb.
Early Golden Bush	$0 05	$0 10	$0 25	$0 75
Early White Scallop Bush	05	10	25	75
Early Summer Crook-Neck Bush	05	10	25	75

Autumn and Winter Running Varieties

Boston Marrow	$0 05	$0 10	$0 30	$1 00
Hubbard	05	20	40	1 25
Golden Bronze	05	10	40	1 25
Turban	05	15	35	1 00
Mammoth Chili	05	15	40	1 20



SUMMER CROOK-NECK SQUASH



TROPHY TOMATO

TOMATO.

TOMATE—*Tomates*—**Liebesapfel.**

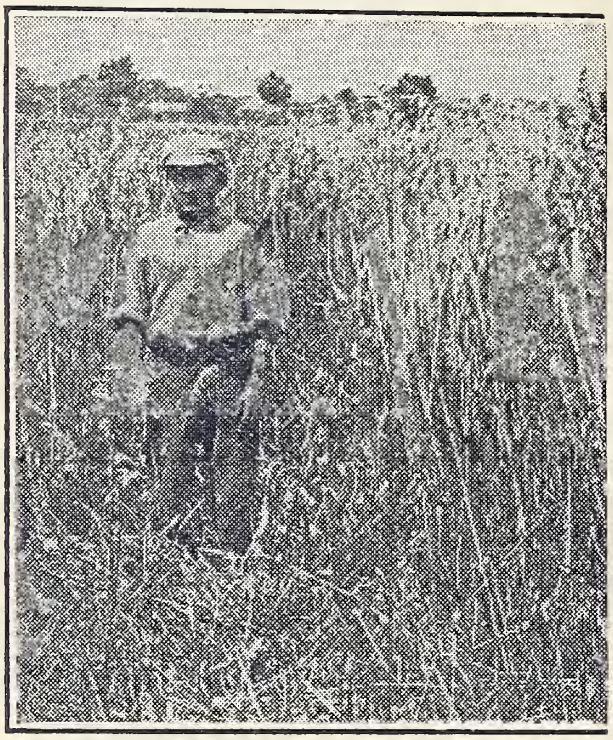
	Per pkt.	oz.	¼ lb.	lb.
Acme	$0 05	$0 25	$0 70	$2 25
Beauty	05	25	75	2 25
Crimson Cushion	05	30	85	3 00
Perfection	05	25	75	2 25
Mikado	05	25	75	2 25
Red Cherry	05	25	85	3 00
Stone	05	20	60	2 00
Trophy	05	25	75	2 25
Yellow Cherry	05	25	75	2 25
Yellow Plum	05	25	75	2 25
Yellow Peach	05	25	75	2 25
Ponderosa	05	40	1 25	3 50

TURNIP.

NAVET—*Nabo*—**Rüben.**

	Per pkt.	oz.	¼ lb.	lb.
Cow Horn	$0 05	$0 10	$0 20	$0 65
Early Snowball	05	10	20	50
Red Top, Strap-leaf	05	10	20	50
Purple Top, White Globe	05	10	20	50
Yellow Stone	05	10	20	50
Improved Am. Ruta Baga	05	10	20	50

PURPLE STRAP LEAF TURNIP



This shows a field of Storm King Oats growing in New Jersey. For prices, see page 77.

Send for sample.

TOBACCO.

	Per oz.	¼ lb.	lb.
Connecticut Seed Leaf	$0 25	$0 75	$2 50
Havana	40	1 25	4 00
Kentucky Seed Leaf	35	1 10	3 00
Pennsylv'a Seed Leaf	35	1 10	3 00
Virginia, One Sucker	30	1 00	3 00

FLOWER SEEDS.

ALL VARIETIES NOT NAMED WILL BE FURNISHED.

25 Varieties Flower Seeds (5c. papers) $1.00
15 Varieties Flower Seeds (10c. papers) 1.00

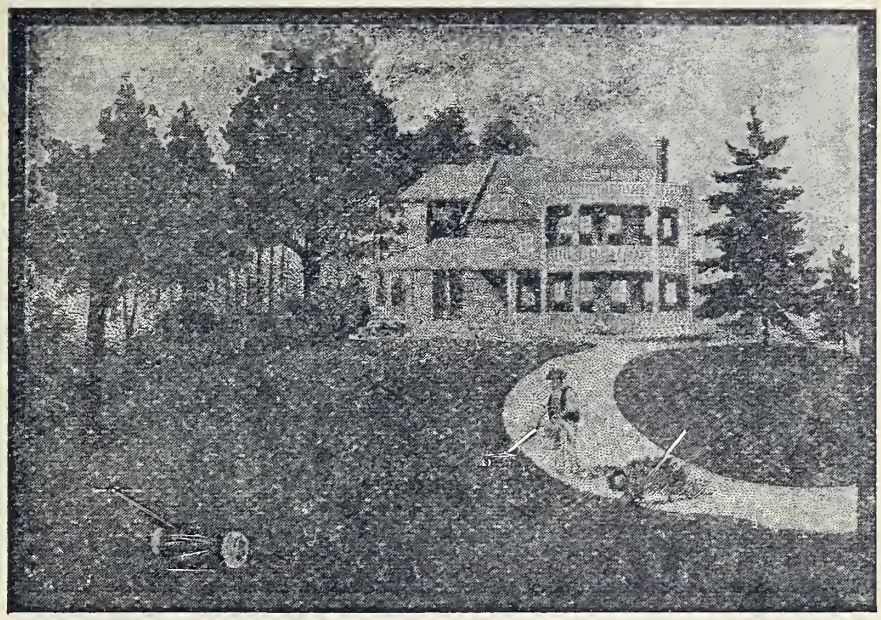
Common Name	Color	Per pkt
Ageratum	mixed	$0 05
Agrostemma		05
Alyssum	sweet white	05
Anemone	mixed	10
Asters, Choice	mixed	10
"	mixed	05
*Balloon Vine	white and green	05
Balsam	mixed	05
" Ex. Double	mixed	10
Bellis	mixed	10
Cacalia	mixed	05
Calandrinia	mixed	05
Calliopsis	mixed	05
*Canary Bird Vine	yellow	10
Candytuft	mixed	05
Canterbury Bell, Dbl.	mixed	05
Carnation	mixed	10
Castor Bean	mixed	05
Catchfly	mixed	05
Centaurea	mixed	05
Centranthus	mixed	05
Chrysanthemum	mixed	05

*Running Vines.

FLOWER SEEDS—Continued.

Common Name	Color	Per pkt.
Cockscomb	mixed	$0 05
Cosmos	mixed	10
*Cypress Vine	mixed	05
Forget-Me-Not	mixed	10
Geranium	mixed	10
Globe Amaranth	mixed	05
Godetia	mixed	05
Gourds, Ornamental	mixed	05
Heliotrope	mixed	10
Hibiscus	mixed	10
Hollyhock	mixed	10
Ice Plant		05
*Moon Flower	white	05
Joseph Coat	mixed	05
Lantana	mixed	05
Larkspur	mixed	05
Linum	mixed	05
Lobelia	mixed	10
Love in a Mist	mixed	05
Lupinus	mixed	05
Marigold	mixed	05
Marvel of Peru	mixed	05
Mignonette, Sweet	mixed	05
*Morning Glory	mixed	05
Nasturtium	white	05
" Tall	mixed	05
" Dwarf	mixed	05
Oxalis	mixed	10
Pansy, Choice	mixed	10
" Fancy	mixed	15
Petunia	mixed	05
Phlox Drummondii	mixed	05
Pink China	mixed	05
Poppy	mixed	05
Portulaca	mixed	05
" Double	mixed	10
Salvia	scarlet	10
Scabiosa	mixed	05
Schizanthus	mixed	05
Sensitive Plant	pink	05
Smilax	green	10
Stocks	mixed	10
Sweet Peas	mixed	05
Sweet Sultan	mixed	05
Sweet William	mixed	05
Sunflower	mixed	05
Verbena	mixed	10
Violet	light blue	10
Zinnias	mixed	05

Finest Mixed Lawn Grass Seed.



REEVES' FINEST MIXED LAWN GRASS SEED produces lawns of great beauty and permanence, in as short a time as it is possible for them to be made.

This lawn mixture has brought us thousands of customers and is the result of over a half a century's experience in the seed line.

In making comparison with other lawn mixtures, kindly compare weight and quantity required per acre.

Price per bushel of twenty pounds, $5.00, ¼ bu., $1.50.

Three bushels required per acre.

Reeves' Central Park Lawn Mixture.

A very good mixture, 16 pounds to the bushel, at $4.00 bu. Four bushels required per acre.

Reeves' Lawn Mixture for Shady Places.

Per peck, $2.00. Per bushel, $6.75.

Reeves' Golf Mixture for General Grounds

Twenty pounds to the bushel. $4.00 bu.

Reeves' Putting Green Mixture.

Twenty pounds to the bushel. $6.75 bu.

Grass Mixtures for Railroad Banks, Etc.

Twenty pounds to the bushel. $4.50 bu.

We Can Furnish Special Mixtures For Any Purpose.

PERMANENT MEADOW MIXTURES.

For good land not too dry and not too wet. Two bushels per acre, at $3.90 bu. of twenty pounds.

For dry and high land. Two bushels per acre. $4.40 bu. of twenty pounds.

On wet late land. Two bushels per acre. $3.90 bu. of twenty pounds.

PERMANENT PASTURE MIXTURE.

On good ground, not too wet and not too dry. Two bushels per acre. $4.25 bu. of twenty pounds.

On dry land. Two bushels per acre. $4.25 bu. of twenty pounds.

On wet land. Two bushels per acre. $4.25 bu. of twenty pounds.

SHEEP FESCUE

TIMOTHY

ENGLISH RYE GRASS

Leading Varieties of Grass Seeds.

OTHERS FURNISHED IF DESIRED.

RHODE ISLAND BENT GRASS (*Agrostis Canina*). *A valuable grass for lawns.* For lawns, sow three bushels to the acre; for pastures one to one and a half bushels. See "Formation of Lawns." Per qt., 35 cents; per bush. of 14 lbs., $5.00.

RED TOP GRASS (*Agrostis Vulgaris*). A valuable native, permanent grass as a mixture in either meadows, pastures or lawns, growing in almost any soil, moist or dry, and standing well our hot climate. (14 lbs. to bush.) Per bush., $3.50.

FANCY HEAVY, RED TOP GRASS, absolutely clean seed. Per lb., 43 cents.

SWEET VERNAL GRASS (*Anthoxanthum Odoratum Puelli*). With pasture grasses it is valuable on account of its vernal growth, and also continuing to throw up root foliage until late in the autumn; for meadows, its chief merits are its fragrant odor, which the leaves emit when partially dried, thus sweetening hay; it is a vegetable condiment rather than a grass, of much nutritive value. Per lb., 26 cents.

TRUE PERENNIAL SWEET VERNAL GRASS. Per lb., 55 cents.

ORCHARD GRASS (*Dactylis Glomerata*). Is less exhausting to the soil than Timothy, and will endure considerable shade; it blossoms about the same time as Red Clover, making it on that account a desirable mixture with that plant; it is exceedingly palatable to stock of all kinds, and its powers of enduring the cropping of cattle commend it as one of the very best pasture grasses. (14 lbs. to bush.) Per bush., $3.00.

CANADA BLUE GRASS (*Poa Compressa*). For poor soils. 14 pounds to the bushel, at $1 90

SHEEP FESCUE (*Festuca Ovina*). Short and compact growth. Valuable for lawns and sheep. 12 pounds to the bushel, $3.50.

MEADOW FESCUE, OR ENGLISH BLUE GRASS (*Festuca Pratensis*). A highly valuable species for permanent grass land. It does not, however, attain to its full productive power till the second or third year, when it far exceeds most other sorts in quantity of its produce and nutritive matter. It is relished by live stock, both in hay and pasture, and is one of the most desirable permanent grasses for general culture. (22 lbs. to bush.) Per bush., $4.40.

ITALIAN RYE GRASS (*Lolium Italicum*), is one of the most valuable grasses in Europe, being equally suited to all the climates. In England it is considered the best known grass to cut green for soiling, affording repeated large and nutritive crops; we recommend it here for use in pasture mixtures. (18 lbs. to bush.) Per bush., $2.35.

ENGLISH RYE GRASS (*Lolium Perenne*), is the staple grass of Great Britain, entering largely into the composition of many of the richest meadows and pastures; its natural adaptation to almost all cultivated soils, and its early maturity, is the reason it has hitherto been so extensively cultivated in preference to many other equally nutritious sorts. (24 lbs. to bush.) Per bush., $2.40.

TIMOTHY (*Phleum Pratense*). A grass so well known needs no description, except that for a hay crop on moist, peaty or clay soils, it will produce a larger crop than any other sort; it is not so well suited for light, sandy soils. (45 lbs. to bush.) Price variable.

KENTUCKY BLUE GRASS (*Poa Pratensis*), fancy triple clean—also known as GREEN GRASS, JUNE GRASS, etc., thrives on a variety of soils, but does best in dry and somewhat shady locations. It requires several years to become well established in the ground as a pasture grass. Very valuable for our Southern States, as it will stand the hottest summers. (14 lbs. to bush.) Per bush., $2.80.

WOOD MEADOW GRASS (*Poa Nemoralis*), grows well under trees. 14 pounds to the bushel, at $11.20.

FODDER CORN.

	Peck	Bush.
Eight-Row, Yellow Flint	$0 85	$2 50
King Philip, flint, reddish yellow	85	2 50
Longfellow, yellow flint	85	2 50
Golden Eureka Early, small cob	..	2 50
Pride of the North, dent	75	2 50
White Flint	85	2 50
Southern Fodder, white, horse tooth	75	2 25
Sweet Fodder	1 00	3 00
Eureka Dent Early	..	2 75

Grains.

Prices may advance or decline with the market

WINTER WHEAT.

	Bush.
Klondyke	$2 25
Fultz, a beardless amber variety	2 50

Other varieties on application.

BUCKWHEAT.

	Bush.
New Japan	$2 25

BARLEY.

48 pounds to the bushel $2 50

RYE.

Winter $2 00

OATS.

Storm King Oats, 32 pounds to the bushel $1 75
Tartar Oats, 32 pounds to the bushel 1 75

CLOVERS.

25 pounds and upward at reduced prices

Alfalfa or Lucerne ..... lb., 24 cents
Alsike ..... lb., 30 cents
Bokhara ..... lb., 33 cents
Crimson Clover ..... Price variable
Red Clover ..... Price variable
White Clover ..... lb., 45 cents

MILLETS.

PEARL MILLET (*Pencillaria Spicata*). This splendid forage plant is becoming yearly more popular as its value becomes more widely known. It is a tender annual, and must not be planted until the weather has become *settled warm*. Wherever corn flourishes, it will yield bountiful crops of fodder, which cows, horses and other farm stock are exceedingly fond of. It is equal in nutritive value to corn fodder, while its yield is many times greater. Sow at the time of sowing corn (and not earlier), in drills three to four feet apart, and when well up, the plants should be trimmed out to one foot apart in the rows. Sown in this way, five or six pounds of the seed will plant an acre. Price, per lb., 17 cents. $10.00 hundred.

HUNGARIAN GRASS (*Setaria Germanica*). A splendid forage crop for light land. On rich land two crops may be grown the same season. Withstands drought and yields abundantly; height, 2 to 3 feet. (48 lbs. to bush.) Per bush., $3.25.

GOLDEN, OR GERMAN MILLET. A heavier cropper than the Hungarian, and needs a longer season and a stiffer soil; stands up well, is easily cured, makes a coarse, harsh hay which is greedily eaten by all kinds of stock. Per bush., $3.25.

MISCELLANEOUS.

Velvet Bean, $4.50 bush.
Soja Beans, $3.50 bush.
Cotton, Upland, 20 lb.; $15.00 hundred.
Cotton, Sea Island, 20c. lb.; $1500 hundred.
Cow Peas, Black Eye, $4.00 bu.
Cow Peas, Whippoorwill, $4 bu.
Canada Field Peas, $3.00 bush.
Sorghum, Amber Sugar Cane, 15c. lb.; $8.00 hundred.
White Kaffir Corn, 15c. lb.; $8.00 hundred.
Sun Flower, Large Russian, 10c. lb.
Vetches, Spring $6.50 100 lbs.; Winter Vetch $15.00 100 lbs.

GRAFTING WAX.

Per ½ pound ..... 20 cents | Per pound ..... 35 cents

Insecticides and Remedies for Diseased Plants.

ARSENATE OF LEAD.

Is more sticky in character than any other insecticide; for this reason is sometimes used where it is desirable that the poison should remain longer on the foliage. It is particularly good for extremely delicate foliage, as it will not burn. Used in proportion of two to three pounds of lead to fifty gallons of water, or two to four pounds of lead to one hundred gallons of water. For Coddling Moth, Bud Moth, Canker Worm, Rose Bugs, Cherry Bugs, Tossock Moth, Elm Leaf Beetle, Curculio and small chewing insects in general.

Price per pound, 20c.; 5 pounds, 95c.; 10 pounds, $1.80; 25 pounds, $4.00; 100 pounds, $13.00.

BUG DEATH.

Non-poisonous, for Cabbage and Tomato Worms, Potato and Cucumber Bugs.

Per pound, 15c.; 3 pounds, 35c.; 5 pounds, 50c.; 12½ pounds, $1.00; 100 pounds, $7.50.

BORDEAUX MIXTURE.

Prevents blight, rot, mildew, specks and spots; increases crop yield 15 to 25 per cent. Fruits and Vegetables sprayed with it sell for much higher prices. Use by adding forty-nine gallons of water to one gallon of mixture.

Price per quart, 40c.; per gallon, 95c.; 5 gallons, $4.25. Fungous Diseases.

DRY BORDEAUX MIXTURE.

Liquid can be made from same in about ten minutes by adding 50 gallons of water to 10 pounds of Mixture.

One pound box, per pound, 20c.; 5 pound box, per pound, 20c.; 50 pound keg, per pound, 18c.; 100 pound keg, per pound, 17c.

FIR TREE OIL.

For Thrip, Red Spider, Ants, Brown and White Scale, Wood Lice, Grub Worms. For Greenhouse and House Plants. One-half pint to ten gallons of water.

Price, ½ pint, 40c.; pint, 75c.; quart, $1.25; gallon, $4.00.

HELLEBORE—Powdered.

Destroys Currant Worms, Rose Bugs, Cut Worms, Cabbage Worms, Slugs, etc. May be applied dry or mixed. One ounce to three gallons of water.

Per pound, 25c.; 5 pounds, 90c.; 10 pounds, $1.90; 25 pounds and over, 19c. per pound.

KEROSENE EMULSION.

For Lice on Trees and Plants, Melon Louse, Pea Louse, Squash Bug, Elm Tree Beetle, San José and other Scales. Dilute 25 to 50 parts.

Per quart, 40c.; gallon, $1.00; 5 gallons, $4.00.

LIME AND SULPHUR MIXTURE.

For San José Scale, better than Whale Oil Soap, Kerosene Emulsion or Crude Oil. One gallon makes from 20 to 40 gallons of Spraying Solution by adding water.

Gallon, 80c.; 5 gallons, $3.50; barrel of 50 gallons at 25c. per gallon.

PARIS GREEN.

For all Chewing Insects, Potato Bug, Elm Tree Beetle, Coddling Moth, Caterpillars, Cotton Worms, etc., etc.

Per ½ pound, 25c.; pound, 35c.; 5 pounds, $1.85; 25 pounds, $8.50.

SLUG SHOT—Powdered.

Non poisonous. For Potato Bugs, Beetles, Green and Black Flies, Slug Worms, Caterpillars, etc.

5 pound package, 35c.; 10 pounds, 50c.; 125-pound keg, $5.00; 235-pound keg, $9.00.

SCALECIDE.

For San José Scale, one gallon to twenty gallons of water.

Price per gallon, $1.00; 5 gallons, $3.25; 10 gallons, $6.00; 50 gallons, $23.75.

SULPHUR—Powdered.

For protection against Mildew on Grapes, Roses, etc.

Per pound, 10c.; 10 pounds, 60c.; 25 pounds and over, 5c. per pound.

TOBACCO DUST.

For Rose Lice, Cabbage and Tulip Leaves. An excellent fertilizer and keeps insects from roots of plants.

Price per 100 pounds, $2.50.

TOBACCO STEMS FOR FUMIGATING.

Destroys Green and Black Aphis.

Price per 100 pound bale, $1.50; 400 pounds, $5.00.

FISH OIL SOAP.

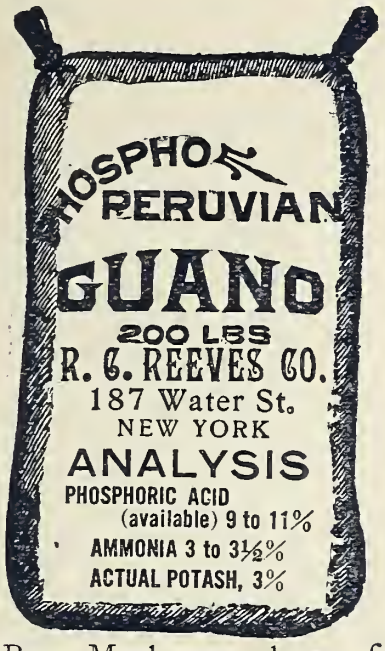
Destroys Lice on House Plants, Mealy Bugs, Scale on Palms, San José Scale. Rate of four pounds to one gallon of water.

Per pound, 15c.; 5 pounds, 50c.; 10 pounds, 90c.

WEED KILLER.

Effectively destroys roots as well as the top growth, and single application lasts almost an entire season. One gallon to 49 gallons of water.

Per gallon, $1.00; 5 gallons, $4.50; 25 gallons, $20.00; 50 gallons, $37.00.



FERTILIZERS.

PHOSPHO-PERUVIAN GUANO

THE BEST AND CHEAPEST FERTILIZER IN USE

ADAPTED TO ALL CROPS AND SOIL.

Sold on Guaranteed Analysis.

Price per ton.....$38 00
Price per 100 pound bag..... 2 20
Sheep Manure, per ton, $32.00, per 100 lbs., $1.95.

	Per ton 2000 lbs.	Per bag 100 lbs.
Land Plaster, per bbl., $2.25.		
Nitrate of Soda.....	$62 50	3 50
Unleached Wood Ashes, per bbl. about 200 lbs., $2.75.		
Bone Meal, ground very fine.....	33 00	2 25
Fine Ground Bone, medium fine.....	38 00	2 50
Pure Ground Bone, a little coarser than the above.....	40 00	2 75

Ground Oyster Shells (for Chickens), per 100 lbs., $1.25; per lb., 2 cents.
Pork Scraps (in cakes), for Chickens and Dogs, per lb., 4 cents.

PLANTS AND SMALL FRUITS.

All of the leading varieties at bottom prices of

BLACKBERRIES, CURRANTS,
GOOSEBERRIES, GRAPES,
RASPBERRIES, STRAWBERRIES.

BOOKS.

All the Leading Agricultural Books at Regular Prices.

INDEX.

	PAGE
Anvil and Vise	56, 58
Ash Cans	50
Asparagus Bunchers and Knives	40
Augurs, Post-Hole	50
Axe Mattocks	57
Axes and Hatches	57
Axes, Ice	54
Bag Holders	50
Bale Ties	30
Bailing and Packing Presses	30, 31
Balls, Ox	62
Barb Wire	38
Baskets	52
Barrels, Water and Trucks	26
Barrows	27
Bars, Crow	57
Barrel Header	61
Bee Hives	51
Beetle	23
Bells, Farm	64
Belting Rubber	38
Binder and Harvester	14
Binding Twine	55
Blanket Brackets	63
Blocks, Tackle	41
Blow Torch	56
Boats, Stone	61
Boilers, Farmers	32
Boilers, Agricultural	32
Bone Cutters	52
Bone, Ground	99
Boots, Horse Lawn	5
Bordeaux Mixture	78
Bottle Washers	47
Brands, Burning	57
Brooms	57
Brushes, Horse, etc.	62
Brush Rack	63
Buck and Saw	58
Buckets	46
Bull Leader and Rings	62
" Punch	23
Bunchers, Asparagus	40
Bush Hooks	59
Burning Baskets	16
Burning Brand	57
Buttons, Aluminum Ear	42
Butter Churns	47
" Paper	48
" Presses and Printers	47
" Scales	48
" Shipping Boxes	48
" Workers	48
Caldrons	32
Calf Feeders	55
" Weaners	32
Cans, Ash	50
" Milk	47
Caps, Hay	15
Carrier, Litter	15
Carriers, Hay	15
Carts, Hand	26
" Hose	45
" Horse	29
" Lawn	26
" Sprinkling	26
" Tool	28
Catchers, Hog	62
Cattle Leaders	62
" Stanchions	33
Celery Hillers	11
Cess Pools, Grated Gutter	63
Chains, Cow, Ox, Trace, etc	62
Churns	47
Cider Mills and Presses	24
Cleaners, Oat	51
Coal Chutes	55
" Screens	55
Combs, Curry	62
Coolers, Milk	46
Cookers, Food	32
Cotton Waste	61
Corn Harvester	12
Corn Hoes	57, 60
" Knives	58

	PAGE
Corn Markers and Furrowers	7
" Planters	12
" Shellers	25
Coverers	11
Cradles, Grain	58
Cream Separators	46
Crushing Stone Outfits.	16
Crushers, Rock	16
Cultivators..7, 11, 13, 14,	40
" Attachments	55
Curbs, Well Extras	41
Curry Combs	62
Cutters, Bone	52
" Clover	52
" Ensilage 18, 19,	20
" Hay, etc., 18, 19, 20,	21
" Sod	42
" Root and Veg..	21
" Pipe	56
" Wire and Pliers	38
Dahlia Poles	50
Darnell Markers	14
Dehorning Clippers	32
Dibbers	58
Diggers, Post Hole	50
" Potato	11
Distributors, Fertilizer, 7, 10,	12
Dolly Timber	56
Ditching Plows	3
Drills, Garden	13
" Field	12
Drive Well Accessories	41
Driers, Clothes	54
Edgers, Grass	5, 58
Elevator, Water	41
Engines, Steam	25
" Gas and Gasoline	17
Fanning Mills	42
Farmers' Boilers	32
Feed Cookers	32
" Carriers	15
Feeders, Calf	55
Fencing..34, 35, 36, 37,	38
Fertilizers	79
Fertilizer Distributors, 7, 10,	12
Flails	58
Fly Killer	64
Flower Gatherers	59
" Pots	50
Fodder Cutter, etc., 18, 19, 20,	21
Food Tray	52
Forges	23
Forks, Hay Manure	60
" Spading	60
" Hay Carrier	15
" Stable	15, 60
Fountains, Chicken	52
Fruit Pickers	58
Furrowers	13
Fumigators	58
Garden Lines	58
Gasoline Engines	19
Gates	39
Generator, Steam	32
Graders	16
Grain Cradles	58
" Drills	12
Grape Mill	24
Grass Edgers	58
" Hooks and Shears	59
" Catcher	5
Grates	63
Graters	48
Grinders, Apple, etc.	34
" Mower Knives	55
Grindstones 40, 51,	55
Grafting Wax	77
Grub Hoes	57
Gun, Leggett's Powder,	43
Guards	39
Hand Plow	13
" Trucks	66
Handles, Axe, Fork	57
" Pick Set	57
Hammers	57
" Cobble	57
Harness	29
" Hooks	63
Harrow Teeth	55
Harrows 7, 8, 9,	10
Harvester and Binder..	14
Hatches	57
Hay Caps	15
" Carriers, etc	15
" Cutters.. 18, 19, 20,	21
" Mowers and Tedder	14
" Press 30,	31
" Rakes and Loader.	14
" Racks 62,	64
" Slings	15
" Ties	30
Headers, Barrel	61
Heater, Tank	33
Hillers, Celery	11
Hives, Bee	51
Hoes, Garden Grub, 13, 45, 57, 60,	61
" Planters, etc	57
" Scuffle 13,	59
Hog Ringers and Rings,	32
" Scalder and Troughs	33
Holders, Bag	50
Hooks, Bush 53,	59
" Grass	59
" Harness	63
" Root	53
Horse Brushes	62
" Boots	5
" Hoes, Cultivators	7
" Clippers	62
" Powers	16
Hose, Rubber	45
" Garden and Reel.	45
" Menders	45
" Bands	45
Hot bed Sash	12
Hurdle Fencing 34,	35
Ice Breaker	40
" Plow and Tools	54
Insecticides	78
Jack Screws	57
Jacks, Wagon	54
Knapsack Sprayer	43
Knife Grinders	55
Knives, Asparagus	55
" Corn	58
" Edging	58
" Hay	58
" Potato	58
" Mower	55
" Pruning and Budding	59
Labels, Cattle, Sheep	42
" Hog	42
Ladders	57
Lanterns	64
Lawn Cart	29
" Fencing 37,	38
" Flower Bed Guard	37
" Lamp	64
" Mowers 4,	5
" Gates	37
" Rakes	43
" Rollers 6,	61
" Settees	64
" Sweepers	7
" Trimmers	5
Leaders, Bull	62
Leveler	16
Lines, Garden	58
Litter Carrier	15
Loader, Hay	14
Manure Spreaders	10
Mangers and Racks	62
Marker	7, 14
Mats for covering sashes	12
Mattock	57
Measures	54
Milk Coolers	46
" Cans	47
" Churns	47
" Pails	46
" Separators	46
" and Cream Tester.	48
Milking Tubes	54
Mills, Cider	23
" Fan and Cleaning	42
" Grinding, 22, 23, 42,	52
" Saw	49
" Shell	52
Mole Traps	42
Mowers, Field	14
" Lawn 4,	5
" Knives	55
Nests	52
Nest Eggs	52
Neck Yoke	51
Nozzles	44
Oat Crusher	22
" Cleaners	51
Ox Balls	62
" Yokes	54
Pails, Tin	46
" Stable, etc.	62
Picks	57
Pickers, Fruit	58

PAGE

Pipe Stock Cuttter and Vise 56
" Taps 56
" Reamers 56
" Cutters 56
" Vise 56
Planter, Corn 12
Pliers 38
Plows, Ice 54
" Hand 13
" Horse Power ... 13
" Man 13
" Sulky 1
Plow Extras 65
Posts 39
Post Hole Diggers 50
" " Augur 50
Potato Coverer 11
" Digger 11
" Hooks 60
" Knives 58
" Planters 11
" Sprayer 44
" Sorter 11
" Scoops 60
Pots 50
Poultry Nettings 37
" Foods and Fountains.... 52
" Root Cutter ... 22
Pounders 57
Powder Distributor 43
Powers, Horse 16
Press, Bailing 30, 31
" Cider 23
" Wine 23
" Screws 40
Pruners, Tree 59
" Knives 59
" Shears 59
Pruning Saw 59
Puller, Nail 59
Pumps 40, 41, 43
" Spraying 43, 44
Pump Tubing 41
Pullers, Stump 53
Punches 23, 62
Racks, Whip 63
" Stock 65
Raffia 40
Rakes, Horse 14
" Lawn 43
" Garden 43, 60
Reels for Hose 45
" Garden Line 58
Rifles..... 59
Rings, Bull 62
Road Leveler 28
" Machine 8, 16
" Graders 16
Rock Crushers 16
Rollers 6, 7, 12
Root Cutter 21, 22
" Puller 53
Rubber Belting 38
Rubber Buckets 41
" Hose 45
" Sprinklers 45

PAGE

Salt Bricks 63
Sash, Hot Bed 12
Saucers for Flower Pots 50
Saws 25, 49, 58, 59
Sawing Machine 25, 49
Saw Mills 49
Scales 48-51
Scoops, Steel and Wood 60
Scythes, etc. 59
" Stones 59
Scissors 59
Screens 55
Screws, Jack 57
Scraper, Road 8
" Tree 58
Seeds, Garden and Field, 67 to 78
" Grass 75
" Millet 76
" Clover 77
" Grain 77
" Flower 78
" Miscellaneous 78
Seed Sowers and Drills, 10, 12, 13
Separator, Cream 46
Settees 61
Shellers, Corn 25
Shovels 60
Shears, Lawn 59
" Border 59
" Grass 59
" Hedge 59
" Pruning 59
" Sheep 59
Shell Mill 52
Sieves 58
Sickles 59
Silo 51
Skids 66
Sledge Hammers 57
Snaths 59
Sod Cutter 42
Sower, Broadcast ...10, 12
Speed Indicator 50
Spades 54, 60-61
Splitters, Wood 25
Sponge Rack 63
Sprayers 43, 44
Spraying Pumps 43, 44
" Nozzles 45
" Carts 44
Springs, Bolster 56
Sprinklers 45
Sprinkling Carts 26
Staples 38
Staple Pullers 38
Stanchions 33
Stable Gutter Angle Connections 63
Stone Boats 61
" Crushers 16
Stock Pipe 56
" Waterer 32-33
" Rack 65
Stump Puller 53
Sticks, Plant 50
Stretcher, Wire 61

PAGE

Sun Dial 58
Supports, Tomato and Carnation 58
Syringes 55
Tanks, Round 64
" Water 64
Tape Measure 57
Teeth, Cultivator 55
" Harrow 55
Tents 61
Tedder 14
Tether, Chain and Pin.. 64
Tester, Milk and Cream 48
Tresher 16
Ties, Baling 30
Tobacco Press 31
" Stems 61
Tomato Supports 58
Tool Brackets 63
Torch, Blow 56
Torches, Asbestos 50
Trace Chains 62
Traps, Mole 42
Tree Pruners 59
" Scrapers 58
" Tubs 65
Trucks 66
Troughs, Stock 43
Trowels 58
Tubs 50
Tub, Scalding 23
Twine, Binder 55
Vanes, Weather 56
Vise and Anvil.....56-58
Vine Scissors 59
Wagons 28
Wagon Tanks 64
" Bolsters 49
" Jacks 54
Washer, Bottle 47
Water Barrel 26
" Elevator 41
" Tanks 64
Watering Pots 45
" Carts 26
Waterer, Stock 32, 33
Weather Vane 56
Wedge 57
Weaners 32
Well Wheels 41
Weed Killer 61
Weeders, Horse 8, 10
" Hand 58
" Lawn 58
Wheelbarrows 27
Wheelbarrow Seeders, 8, 10
Wheel Hoes 13
" Guards 26
Whiffletrees 51
Whip Racks 63
Wire Fencing ...36, 37, 38
" Fencing Staples .. 38
" Fence Stretcher .. 61
" Cutters and Pliers 38
" Vine Trainers ... 43
Wood Splitters 25
Worker, Butter 48
Wrench 56-57

PORTABLE HURDLE FENCING

See page 35